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US-08-659-251-5
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5223423-4
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959
1 FTIPLAEQDCEKFAFTIPAL ......SNLFSILRGDSDLNSKRMLT 182
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Sequence 3,
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/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
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US-08-6559-251-5
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US-09-256-11445-5
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US-09-236-231-9
US-08-259-451-11
US-08-259-451-11
US-08-259-451-11
US-08-389-456-6
US-08-389-458-6
US-08-389-458-6
US-09-13-487-14
US-09-13-357-1
US-09-13-357-1
US-09-525-972-24
US-09-525-972-24
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Listing first 45 summaries
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Sequence 91,
Patent No.
                        US-07-743-357-7
US-08-81-1682-15
US-07-743-357-8
US-08-679-4938-71
520.095.8-4
US-09-309-572-17
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COUNTRY: California

COUNTRY: Use Endication US/08659251

Sequence 5, Application US/08659251

Sequence 5, Application US/08659251

Sequence 5, Application US/08659251

Sequence 6, Application Of No. 5883081

APPLICANT: Mong-Staal, Flossie

APPLICANT: Poeschla, Eric

TITLE OF INVENTION: Isolation of No. 5883081el HIV-2 Proviruses

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              120 NRKIKPOKIEIRKDTLKTLNDFOKILGDINW---IRPTLGIPTYAMSNIFSILRG 171
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Patent No. 5223423
APPLICANT: FRANCHINI, GENOVEFPA; WONG-STAAL, FLOSSIE;
GALLO, ROBERT
TITLE OF INVENTION: CHARACTERIZATION OF REPLICATION COMPETENT;
HUMAN IMMUNODEFICIENCY TYPE 2 PROVIRAL CLONE HIV-2 SBL/ISY
NUMBER OF SEQUENCES: 4
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/331,212
FILING DATE: 03-31-1989
                                                                                                                                                                                                                                                                                                                                                                                             Length 3080;
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                                                                                                                                                                                                                                                                                                                                                                                          Query Match 28.6%; Score 274.5; DB 6; Best Local Similarity 37.7%; Pred. No. 5.7e-24; Matches 66; Conservative 31; Mismatches 69;
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RESULT 4
PCT-US96-11445-5
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Sequence 5, Application US/09256490
Patent No. 623581
GENERAL INFORMATION:
PAPPLICANT: Krauds, Guenter
APPLICANT: Talbott, Randy
APPLICANT: Talbott, Randy
APPLICANT: Possichia, Eric
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OTHER INFORMATION: /note= "pol protein encoded by HIV-2KR"
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                                                                                                           SOFTWARE: Patentin FC105/M3-DC3
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,251
FILING DATE: No. 5881081 yet assigned
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/001,441
FILING DATE: 26-UUL-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    28.2%; Score 270.5; DB 2; 36.3%; Pred. No. 3.5e-24; tive 32; Mismatches 75;
                                                                                                                                                                                                                                                                                                                                                                                      NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REPERONCE/DOCKET NUBER: 02307E-056410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1055 amino acids
                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 36.34
Matches 66; Conservative
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MOLECULE TYPE: protein
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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California
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61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANA-GLAIASDKIQTSTPFHYLGMQIE 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /notes "pol protein encoded by HIV-2KR"
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GENERAL INFORMATION:
APPLICANT: THE REGISTE of the University of California APPLICANT: THE REGISTE OF LOWERS OF SEQUENCES: 50
CORRESPONDENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Robbins, Berliner & Carson STREET: 201 N. Figueroa Street, 5th Floor CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: California
CONDIE: USA
ZIP: 90012-2628
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/11445
FILING DATE:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/256,490
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           28.2%; Score 270.5; DB 3; 36.3%; Pred. No. 3.5e-24; tive 32; Mismatches 75;
                                                                                                             AFFLLCATION:
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/659,251
FILING DATE:
ATTORNSY/AGENT INFORMATION:
NAME: GAITTEL WACKWAWEI, BUGGNIG
REFERENCE/DOCKET NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 37,330
TELECHMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
TELEPAX: (415) 576-0300
TELEPAX: (415) 576-0300
SEQUENCE CHARACTERISTICS:
TWATH: 1055 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 36.3%
Matches 66; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ) NAME/KEY: Protein
; LOCATION: 1..1055
; OTHER INFORMATION:
US-09-256-490-5
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OTHER INFORMATION: protein encoded by the pol gene of a recombinant viral OTHER INFORMATION: clone constructed from the genomic DNA of a Pallas's cat feline OTHER INFORMATION: immunodeficiency virus
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Barr, Margaret C.
TITLE OF INVENTION: NO. 6579527el Feline Immunodeficiency Virus Nucleotide and TITLE OF INVENTION: NO. 6579527el Feline Immunodeficiency Virus Nucleotide and TITLE OF INVENTION: Polypeptide Sequences FILE REFERENCE: 18617.0059
FILE REFERENCE: 18617.0059
CURRENY APPLICATION NUMBER: US (99/946,239
CURRENY FILING DATE: 2001-09-04
PRIOR APPLICATION NUMBER: US (99/238,303, US 60/072,927
PRIOR FILING DATE: 1999-01-28, 1998-01-29
SEQ ID NO 9
SEQ ID NO 9
TENCH: 1150
TYPE: PRT
ORGANISM: Unknown
                                                                                                                                   61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANA----GLAIASDKIQTSTPFHYLGM 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               :: || ::::|: || 3 ELYPRKWIIQTKELIIPEEPTLNELQKLVGIINWSSQI--IPGLRIKALINMMKGNQALD 470
                                                   356 PEIDLYQYMDDIYIGSDLGKKE---HKQIVEELRKLILLWWGFETPEDKLQEQPPYKWMGY 412
                                                                                                    117 QIENRKIKPQKIEIRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSILRGDSDLN 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     117 QIENRKIKPOKIEIRKDTIKTINDFOKLIGDINWIRPTLGIPTYAMSNLFSILRGDSDLN 176
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       61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANA----GLAIASDKIQTSTPFHYLGM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Swanson, Priscilla A. Swanson, Priscilla A. Idler, Kenneth B. Rosenblatt, Joseph D. Chen, Irvin S. Y. Golde, David W. Robertson, Bugene F. Stephens, John E. Chan, Emerson W. Buytendorp, Mark H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/08259451; Patent No. 6406841; GENERAL INFORMATION:
APPLICANT: Lee, Helen H.
                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/09946239
Patent No. 6579527
GENERAL INFORMATION:
                                                                                                                                                                                                   177 SKRMLT 182
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APPLICANT:
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APPLICANT:
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US-09-946-239-9
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APPLICAMY: Barr, Margaret C.
TITLE OF INVENTION: No. 6284253el Feline Immunodeficiency Virus Nucleotide Sequence
TITLE OF INVENTION: No. 6284253el Feline Immunodeficiency Virus Nucleotide Sequence
FILE REFERENCE: 18617.0059
CURRENT APPLICATION NUMBER: US/09/228,303B
CURRENT FILING DATE: 1999-01-28
EARLIER APPLICATION NUMBER: US 60/072,927
SAALIER PILING DATE: 1998-01-29
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: protein encoded by the pol gene of a recombinant viral OTHER INFORMATION: clone constructed from the genomic DNA of a Pallas's cat feline;
OTHER INFORMATION: immunodeficiency virus
US-09-238-303-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       319 FSIPLHEDFRQYTAFTLPFVNNAEPGKRYIYKVLPQGWKGSPAIFQHTWRQVLEPFRKAN 378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    379 PDVILVQYMDDILIASDRTDLEHDRTVLQLKELLNGLGFSTPDEKFQKDPPYKWMGYELW 438
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       120 NRKIKPQKIEIRKDTLKTLNDFQKLLGDINW---IRPTLGIPTYAMSNLFSILRGDSDLN 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      439 PIKWKLQKIQLPQKEVWTVNDIQKLVGVLNWAAQIYP--GIKT---KHLCRLIRGKMTLT 493
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 1055;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 28.2%; Score 270.5; DB 5; Best Local Similarity 36.3%; Pred. No. 3.5e-24; Matches 66; Conservative 32; Mismatches 75;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/09238303B Patent No. 6284253
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Berliner, Robert
REGISTRATION NUMBER: 20,121
REFERENCE/DOCKET NUMBER: 5555-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 977-1001
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1055 amino acids
                                                                                                                                                                                                                                                  LENGTH: 1055 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: Protein
LOCATION: 1..1055
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Unknown
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EE 495
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US-09-238-303-9
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209 GYELHPDKWIVQPIVLPEKDSWIVNDIQKLVGKLAWASQI--YPGIKVRQLCKLLRGIKA 266
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                153 NPDIVIYQYMDDLYVGSDLBIGQHRTKIBE----LRQHLLRWGLTTPDKKHQKEPPFLWM 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    115 GMQIENRKIKPQKIEIRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSILRGDSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60 PSDCYIIHYPDDILCAAET----KDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYL 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 FTIPLAEQDCEKF-AFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDK 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 314;
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7e-21;
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24.8%; Score 237.5; D
Best Local Similarity 33.0%; Pred. No. 7e-21
Matches 62; Conservative 32; Mismatches
                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Geary III, William C.
REGISTRATION NUMBER: 31,359
REFERENCE/DOCKET NUMBER: UAG-004
TELEPHONE: (617) 227-740
TELEPA: (617) 227-5941
INFORMATION FOR SEQ ID NO: 6:
60 STATE STREET, SUITE 510
                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/589,446
                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/087,009
                                                                                        ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-589-446-6
                        BOSTON
MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         175 LNSKRMLT 182
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US-08-444-882-6
                                                                       COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FTIPLAEQDCEKPAFTIPAINNKEPATRFOWKVLPOGMLNSPTICOTFVGRALQPVRDKF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           260 PNHITYESTPAIPIKSQW--TLTELQVILGEIQWVSKGTPILRKHLQSLYSALHGYRD 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              120 NRKIKPOK---IBIRKDTLKTINDFOKLLGDINWIRPTLGIPTYAMSNLFSILRGDSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Gaps
                                                                APPLICANT: Edwards, Michelle
APPLICANT: Edwards, Michelle
APPLICANT: Guidinger, Peggy
APPLICANT: Tate, Cynthia.
TITLE OF INVENTION: and Assays for Detecting HTLV Infection
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park Road
CITY: Abbott Park
STREET: Illinois
COUNTRY: USA
ZIP: 60064
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 4; Length 917;
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Best Local Similarity 35.4%; Pred. No. 3e-20;
Matches 63; Conservative 22; Mismatches 87; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRATING SYSTEM: MS-DOS
SOFTWARE: WORDERFEE 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/259,451
FILING DATE: 20-UUN-1994
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION HABE: US 08/086,415
FILING DATE: 01-UUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Daniel W. Collins
REGISTRATION NUMBER: 31,912
REFERENCE/DOCKET NUMBER: 5381.US.P1
TELECOMMUNICATION:
                                                   Peterson, Bryan
Edwards, Michelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (708) 937-6365
TELEFAX: (708) 938-2623
INFORMATION FOR SEQ ID NO: 11
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 917 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: unknown
US-08-259-451-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino
STRANDEDNESS
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US-08-589-446-6
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Sequence 6, Application US/08444882

Patent No. 5622705

GENERAL INFORMATION:
APPLICANT: MORTOW, CASEY D.

TITLE OF INVENTION: ENCAPSIDATED POLIOVIRUS NUCLEIC

TITLE OF INVENTION: ACID AND METHODS OF MAKING AND

TITLE OF INVENTION: USING SAME

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS: ADDRESSEE: LAHIVE & COCKFIELD STREET: 60 STATE STREET, SUITE 510 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible STREET: 60 STATE STREE CITY: BOSTON STATE: MASSACHUSETTS COUNTRY: USA ZIP: 02109

Casey D. ENCAPSIDATED POLIOVIRUS NUCLEIC ENCAPSIDATED POLIOVIRUS NUCLEIC AND METHODS OF MAKING AND USING SAME

Sequence 6, Application US/08589446
Patent No. 5614413
GENERAL INFORMATION:
APPLICANT: MOTIOW, CASEY D.
TITLE OF INVENTION: ENCAPSIDATED PRITE OF INVENTION: ENCAPSIDATED PRITE OF INVENTION: USING SAME TITLE OF INVENTION:

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8 g NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD

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94 FSVPL-DEDFRKYTAFTIPSINNETPGIRYQYNVLPQGWKGSPAIFQSSMTKILEPFRKQ 152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FTIPLAEQDCEKF-AFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDK
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 24.8%; Score 237.5; DB 2; Length 314;
Best Local Similarity 33.0%; Pred. No. 7e-21;
Matches 62; Conservative 32; Mismatches 81; Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AGENCE OF APPLICATION US/08987867A

Sequence 6, Application US/08987867A

Patent No. 065334A10N:

Patent No. 06534A10N:

APPLICANT: C. MOITOW et al.

TITLE OF INVENTION: NUCLEIC ACID AND METHODS OF MAKING AND TITLE OF INVENTION: USING SAME

NUMBER OF SEQUENCES: 23

CORRESPONDENCES: ADDRESSE: LAHIVE & COCKFIELD

STREET: 28 STATE STREET

CITY: BOSTATE: MASSACHUSETTS

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/987,867A

FILING DATE: 09-DEC-1997

CLASSIFCATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/087,009

FILING DATE: 01-ULL-1993

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis

REGISTRATION NUMBER: 35,965

REGISTRATION NUMBER: 35,965

REGISTRATION NUMBER: 35,965

REGISTRATION INFORMATION:

TELECOMOUNICATION INFORMATION:

TELECOMOUNICATION INFORMATION:

TELECOMOUNICATION INFORMATION:
FILING DATE: 01-JUL-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silveri, Jean M.
REGISTRATION NUMBER: 39,030
REGISTRATION NUMBER: UAG-004CP
TELEPHONE: (617) 227-7400
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 314 anino acids
                                                                                                                                                                                                                                                                                                 : 314 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   175 LNSKRMLT 182
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                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    153 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTTPDKKHQKEPPFLWM 208
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US-08-389-459A-6
| Sequence 6, Application US/08389459A
| Sequence 6, Application US/08389459A
| Patent No. S817512
| GENERAL INFORMATION:
| APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: BUCAPSIDATED RECOMBINANT POLIOVIRUS
| TITLE OF INVENTION: USING SAME NUMBER OF SEQUENCES: 23
| CORRESPONDENCES: 23
| ADDRESSEE: LAHIVE & COCKFIELD STREET: 60 STATE STREET, SUITE 510
| CITY: BOSANCHUSETTS
| STRATE: MASSACHUSETTS
| COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 314;
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                              SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,882
FILING DATE: 19-MAY-1995
CLASSIPFCATION: 514
PROOF APPLICATION DATA:
APPLICATION NUMBER: US 08/087,009
FILING DATE: 01-ULL-1993
ATTORNEY/AGENT INFORMATION:
NAMME: Geary III, William C.
REGISTRATION NUMBER: 31,359
REFERENCE/DOCKET NUMBER: UGG-004
TELEPHONE: (617) 227-4400
TELEPHONE: (617) 227-5941
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US/08/389,459A
FILING DATE: 15-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/087,009
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COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
           OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-444-882-6
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Query Match
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Sequence 14, Application US/09117217

Patent No. 6221578

GENERAL INFORMATION:

APPLICANT de BETHUNE, Marie-Pierre

APPLICANT: HERTOGS, Kurt

APPLICANT: HERTOGS, Kurt

APPLICANT: PAUMELS, Rudi

TITLE OF INVENTION: METHOD OF MANAGING THE CHEMOTHERAPY OF PATIENTS WHO ARE

TITLE OF INVENTION: OF HUMAN HIV STRAINS

TITLE OF INVENTION: OF HUMAN HIV STRAINS

FILE REFERENCE: 1377-125P

CURRENT APPLICATION NUMBER: US/09/117,217

CURRENT FILING DATE: 1998-07-24

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PATENTIN VOICE: 2.0
                                                                                                                                                                                                                                                                                              175 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTTPDKKHQKEPPFLWM 230
                                                                                                                                                                                                                                                                                                                                                   60 FSDCYIIHYFDDILCAAET----KDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYL 114
                                                                                                                                                                                                                                                                                                                                                                                          153 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTIPDKKHQKEPPFLWM 208
                                                                                                                                                                                                                                                                                                                                                                                                                                      115 GMQIENRKIKPQKIEIRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSILRGDSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                209 GYELHPDKWTVQPIVLPEKDSWTVNDIQKLVGKLNWASQI--YPGIKVRQLCKLLRGTKA 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        60 FSDCYIIHYFDDILCAAET----KDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYL 114
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                                                                                                                                                                                                                                                                    1 PTIPLAEQDCEKF-AFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDK
                                                                                                                                                                                                                             Indels 13; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels 13; Gaps
                                                                                                                                                                                          Length 314;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 562;
                                                                                                                                                                                   Query Match 24.8%; Score 237.5; DB 3; Best Local Similarity 33.0%; Pred. No. 7e-21; Matches 62; Conservative 32; Mismatches 81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 24.8%; Score 237.5; DB 3; Best Local Similarity 33.0%; Pred. No. 1.7e-20; Matches 62; Conservative 32; Mismatches 81;
                                                      LENGTH: 314 amino acide
; TYPE: amino acide
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-987-867A-6
TELEFAX: (617) 742-4214
INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 175 LNSKRMLT 182
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US-09-117-217-14
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US-09-117-217-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 14
LENGTH: 562
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: GENERHUNE, Marie-Pierre
APPLICANT: HERTOGS, Kurt
APPLICANT: HERTOGS, Kurt
APPLICANT: HERTOGS, Kurt
TITLE OF INVENTION: METHOD OF MANAGING THE CHEMOTHERAPY OF PATIENTS WHO ARE
TITLE OF INVENTION: HOP FOSTITIVE BASED ON THE PHENOTYPIC DRUG SENSITIVITY
TITLE OF INVENTION: OF HUMAN HIV STRAINS
TITLE OF INVENTION: OF HUMAN HIV STRAINS
TITLE OF INVENTION: US/09/735,487
CURRENT FILING DATE: 2000-12-14
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 15
SEQ ID NOS: 15
IENGTH: 562
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Sequence 22, Application US/07743357

Sequence 22, Application US/07743357

Patent No. 5858646

GENERAL INFORMATION:

APPLICANT: Kang, Yong C.

TITLE OF INVENTION: Polypeptide having immunological

TITLE OF INVENTION: activity for use as diagnostic reagent and/or vaccine

NUMBER OF SEQUENCES. 22

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           175 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTTPDKKHQKBPPFLWM 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                60 FSDCYIIHYFDDILCAAET-----KDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYL 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTIPLAEQDCEKF-AFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDK 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 24.8%; Score 237.5; DB 4; Length 562; Best Local Similarity 33.0%; Pred. No. 1.7e-20; Matches 62; Conservative 32; Mismatches 81; Indels 13
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APPLICATION DATA:
APPLICATION NUMBER: US/07/743,357 FILING DATE: 21-AUG-1991 CLASSIFICATION: 424 PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
FILING DATE: 23-FEB-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: KIRBY BADES GALE BAKER
Box 3432, Station D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 14, Application US/09735487
Patent No. 6528251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       175 LNSKRMLT 182
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COUNTRY: Canada
ZIP: K1M 1H8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: HIV-HXB2
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Search completed: May Edob time: 15.1667 secs
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Sequence 1, Application US/07743357

Patent No. 585846

GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
DOTABLESSE:
APPLICANT:
NUMBER OF SECURNCES:
CORRESPONDENCE ADDRESS:
ADDRESSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 239 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTTPDKKHQKEPPFLWM 294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GMQIENRKIKPQKIEIRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSILRGDSD 174
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24.8%; Score 237.5; DB 2;
Best Local Similarity 33.0%; Pred. No. 3.5e-20;
Matches 62; Conservative 32; Mismatches 81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Human immunodeficiency virus type STRAIN: HXB2 US-07-743-357-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PAPLICATION NUMBER: US/07/743,357
FILING DATE: 21-AUG-1991
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/CA90/00062
FILING DATE: 23-FEB-1990
ATTORNEY/AGENT INFORMATION:
NAME: Gale, Edwin J.
REGISTRATION NUMBER: 28,584
                       NAME: Gale, Edwin J.
REGISTRATION NUMBER: 28,584
REFERENCE/DOCKET NUMBER: 30924-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (613) 237-6900
TELEPAK: (613) 237-6900
INFORMATION FOR SEQ ID NO: 22;
SEQUENCE CHARACTERISTICS:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                               : 913 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
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331 NPDIVIYQYMDDLYVGSDLEIGQHRTKIEE----LRQHLLRWGLTTPDXKHQKEPPFLWM 386
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               115 GMOIENRKIKPOKIEIRKDTLKTLNDFOKLLGDINWIRPTLGIPTYAMSNLFSILRGDSD 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FIIPLAEQDCEKF-AFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDK
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                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1005;
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 24.8%; Score 237.5; DB 2; Best Local Similarity 33.0%; Pred. No. 4e-20; Matches 62; Conservative 32; Mismatches 81;
                                                                                                                                                                                  STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
HYPOTHETICAL: NO
PRAGMENT TYPE: internal
ORIGINAL SOUNCE:
ORIGINAL SOUNCE:
REFERENCE/DOCKET NUMBER: 30924-2
TELECOMMUNICATION INFORMATION: (613) 237-6900
TELEPRONE: (613) 237-0045
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
LENGTH: 1005 amino acids
TYPE: amino acid
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                                                                                                                                                               TYPE: amino a STRANDEDNESS:
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US-07-743-357-1
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(without alignments)
1324.350 Million cell updates/sec
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959
1 FTIPLAEQDCEKFAFTIPAI......SNLFSILRGDSDLNSKRMLT 182
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2: /cgn2_6/ptodata/2/pubpaa/PCT_MEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/PCT_MEW_PUB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
7: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
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17: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                         OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

CITAMADITO

Sequence 31336, A	Sequence 37766, A	Sequence 103, App	Seguence 6, Appli	Sequence 10, Appl	Sequence 16, Appl	Sequence 6, Appli	Sequence 7, Appli	Sequence 2742, Ap	Sequence 1706, Ap	Sequence 1706, Ap	Sequence 36676, A	Sequence 30, Appl	Sequence 4, Appli	Sequence 9, Appli
US-10-029-386-31336	US-09-864-761-37766	US-09-920-552-103	US-09-920-552-6	US-09-920-552-10	US-09-920-552-16	US-09-960-428-6	US-09-960-428-7	US-10-104-047-2742	US-09-764-877-1706	US-10-242-515-1706	US-09-864-761-36676	US-08-808-031A-30	US-08-808-031A-4	US-09-946-239-9
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Sequence 45143, A Sequence 6, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 2, Applia Sequence 6, Applia Sequence 6, Applia Sequence 17, Applia Sequence 12, Applia Sequence 12, Applia Sequence 12, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 14, Applia Sequence 15, Applia Sequence 15, Applia Sequence 16, Applia Sequence 17, Applia Sequence 18,)
US-09-864-761-45143 US-09-756-51A-6 US-10-205-641-1 US-10-205-641-1 US-10-342-188-14 US-10-342-188-14 US-10-168-14 US-10-168-14 US-10-168-217A-2 US-10-168-217A-6 US-10-168-217A-6 US-10-364-360-24 US-10-364-360-24 US-10-364-360-24 US-10-364-360-24 US-10-206-734-1470 US-09-920-6734-1470 US-09-920-6734-1470 US-09-920-184-1470 US-10-206-734-1470 US-09-920-734-1470 US-09-920-734-1470 US-10-206-734-1470 US-10-206-734-1470 US-10-206-734-1470 US-09-920-71-87 US-10-369-201-87 US-10-369-201-87 US-10-369-201-87 US-10-369-201-87 US-10-369-201-87 US-10-168-2060-4 US-10-168-201-87 US-09-952-060-4 US-10-168-217A-4 US-10-271-181B-118	0 000 1177
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ALIGNMENTS

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Sequence 31336, Application US/10029386

Publication No. US20030194704a1

Publication No. US20030194704a1

Publication No. US20030194704a1

Publication No. US20030194704a1

APPLICANT: Penn, Sharron G.

APPLICANT: Penn, Pavid R.

APPLICANT: Hanzel, David R.

APPLICANT: Hanzel, David R.

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C TITLE OF INVENTION: US/10/029,386

CURRENT APPLICATION NUMBER: US/10/029,386

CURRENT FILING DATE: 2001-12-20

NUMBER OF SEQ ID NOS: 34288

SOFTWARE Annomax Sequence Listing Engine vers: 1:1

SEQ ID NO 31336

LENGTH 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            52 ALQPVRDKFSDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKIQTSTPF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                52.8%; Score 506.5; DB 14; Length 117; 84.6%; Pred. No. 6.4e-49; Live 4; Mismatches 13; Indels 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: MAP TO AL023753.1
OTHER INFORMATION: EXPRESSED IN BONNE MARROW, SIGNAL = 0.45
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.39
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.46
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.73
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.73
US-10-029-386-31336
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ORGANISM: Homo sapiens
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Matches 99; Conserv
US-10-029-386-31336
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112 HYLGMQIENRKIKPQKIEIRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSI 168

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APPLICANT: Weise, Robin A.
APPLICANT: Weise, Robin A.
APPLICANT: Wenables, Patrick
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovi:
TITLE REPERENCE: Abbort Labs
CURRENT APPLICATION NUMBER: US/09/920,552
CURRENT APPLICATION NUMBER: 09/280,329
PRIOR PILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: GB 9806649.1
PRIOR APPLICATION NUMBER: G0/15,288
PRIOR PILING DATE: 1999-01-08
PRIOR FILING DATE: 1999-01-08
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Patent No. US20020094576A1
GENERAL INFORMATION:
APPLICANT: Griffiths, David J.
APPLICANT: Weiss, Robin A.
APPLICANT: Wenables, Patrick
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576A1el Retrovi: FILE REFERENCE: Abbott Labs
CURRENT APPLICATION NUMBER: US/09/920,552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1131 PKVQILHYMDDLLITABESESHLMEAYKLLLLYLEKVGLQVAPERIQKGEVVQYLGLKVTS 1190
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYLGMQIEN 120
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                                                                                Length 197;
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                                                                                                                                                                                                                                                                                                                                                                                   152 SDCYIIHYVDDILCAABMRDKLINCYTFLQAEVANAGLAIASDKIQ 197
                                                                                                                                         4; Indels
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                                                                         Score 486.5; DB 9
Pred. No. 2.4e-46;
2; Mismatches 4
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47.3%; Pred. No. 1.7e-42;
live 38; Mismatches 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 127
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 103, Application US/09920552 Patent No. US20020094576A1
                                                                      Query Match
Best Local Similarity 89.6%; Promatches 95; Conservative 2;
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Best Local Similarity 47.33
Matches 86; Conservative
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ORGANISM: Homo sapiens
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LT 1252
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          US-09-864-761-37766
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US-09-920-552-103
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US-09-920-552-6
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                                                                                                                                                                                       PRICEATE NO. USCOZOCO 45753A1

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Rank, David R.

APPLICANT: Chen, Wennheng

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICRORARY

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICRORARY

CURRENT PILICA DATE: 2001-05-23

CURRENT PILICA DATE: 2001-05-24

CURRENT FILICA DATE: 2001-05-24

CURRENT PILICA DATE: 2001-05-24

FRIOR APPLICATION NUMBER: US 06.207,456

FRIOR APPLICATION NUMBER: US 06.207,456

FRIOR APPLICATION NUMBER: BY 06.207,456

FRIOR APPLICATION NUMBER: PROJECT 06.207,456

FRIOR PILICATION NUMBER: PROJECT 06.207,456

FRIOR PILICATION NUMBER: PROJECT 06.207,456

FRIOR APPLICATION NUMBER: PROJECT 06.207,456

FRIOR APPLICATION NUMBER: PROJECT 06.207,456

FRIOR PILICATION NUMBER: PROJECT 06.207,456

FRIOR APPLICATION NUMBER: PROJECT 06.207,456

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

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FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

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FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: PROJECT 06.207,901/0066

FRIOR PILICATION NUMBER: US 06.707,403
HYLGMQVEERKFKQQKIEIRKDTLKTLNDFHKLLGDINWIWPTLGILTYAMSNLFSI 117
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N: EXPRESSED IN FETAL LIVER, SIGNAL = 12
N: EXPRESSED IN PETACHNA, SIGNAL = 17
N: EXPRESSED IN BRAIN, SIGNAL = 10
N: EXPRESSED IN LONG, SIGNAL = 10
N: EXPRESSED IN LONE MARROW, SIGNAL = 6
N: EXPRESSED IN HEAT, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
N: EXPRESSED IN HELA, SIGNAL = 7.9
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SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
                                                                                                                                                         Sequence 37766, Application US/09864761
Patent No. US20020048763A1
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ORGANISM: Homo sapiens
FEATURE:
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APPLICANT: Griffins, David J.
APPLICANT: Weiss, Robin A.
APPLICANT: Weiss, Robin A.
APPLICANT: Weiss, Robin A.
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovi);
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovi);
TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576Alel Retrovi);
TITLE OF INVENTION: MATER: US/09/920,552
CURRENT APPLICATION NUMBER: US/09/920,552
CURRENT FILING DATE: 1999-03-29
FRIOR FILING DATE: 1999-03-29
FRIOR APPLICATION NUMBER: G0/115,288
FRIOR FILING DATE: 1999-01-08
NUMBER: OF SEQ ID NOS: 127
SEQ ID NO 16
SEQ ID NO 16
SEQ ID NO 16
SEQ ID NO 16
SEQ ID NO 16
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Patent No. US20020115147A1
Patent No. US20020115147A1
Patent No. US20020115147A1
APPLICANT: Roche Diagnostics GmbH
TITLE OF INVENTION: Method for producing an active heterodimeric AMV-RT in prokaryoti
TITLE REFERENCE: 5272/00/
CURRENT FILLING DATE: 2001-09-21
CURRENT FILLING DATE: 2001-09-21
SOFTWARE: Patentin Ver. 2.1
SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LIENGIH: 572
TYPE: PRT
ORGANISM: Avian Myeloblastosis Virus
                                                         240 EKVTPLEFEIAIDGLQTLNDFQKLCGNLNWIRPYCKLTTEDMMPSFNILEGDAQLDSPRR 299
                                  121 RKIKPOKIEIRKDTLKTLNDFOKLLGDINWIRPTLGIPTYAMSNLFSILRGDSDLNSKRM 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 SDCYIHYFDDILCAABTKDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYLGMQIEN 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            48.1%; Score 461; DB 9; Length 734; 47.3%; Pred. No. 1.1e-42; Live 37; Mismatches 59; Indels
                                                                                                                                                                                                                                                                   Sequence 16, Application US/09920552; Patent No. US20020094576A1; GENERAL INFORMATION:
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Best Local Similarity 47.3%
Matches 86; Conservative
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Patent No. US20020094576A1

GENERAL INFORMATION:

APPLICANT: Griffiths, David J.

APPLICANT: Weiss, Robin A.

APPLICANT: Weiss, Robin A.

APPLICANT: Weiss, Robin A.

APPLICANT: Weiss, Robin A.

TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576A1e1 Retrovir;

TITLE OF INVENTION: MATERIAL 1abs

CURRENT PAPLICATION NUMBER: US/09/920,552

CURRENT PAPLICATION NUMBER: 09/280,329

PRIOR FILING DATE: 1998-03-29

PRIOR FILING DATE: 1998-03-27

PRIOR FILING DATE: 1998-01-08

NUMBER OF SEQ ID NOS: 127

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 647
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                                                                                                                                                                                                                                                                                                                                                                                                               1 FTIPLAEQDCEKFAFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDKF 60
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                                                                                                                                                                                                                                                                                                                                                                          59; Indels
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48.1%; Score 461; DB 9; Length 64
Best Local Similarity 47.3%; Pred. No. 9.1e-43;
Matches 86; Conservative 37; Mismatches 59; Indels
                                                                                                                                                                                                                                                                                                                                                                        37; Mismatches
CURRENT FILING DATE: 2001-08-01
PRIOR APPLICATION WUMBER: 09/280,329
PRIOR FILING DATE: 1999-03-29
PRIOR FILING DATE: 1998-03-27
PRIOR PILING DATE: 1998-03-27
PRIOR PLING DATE: 1998-01-08
NUMBER: 60/115,288
NUMBER: OF SEQ ID NOS: 127
SEQ ID NOS: 127
SEQ ID NOS: 127
                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 47.34
Matches 86; Conservative
                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens US-09-920-552-6
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                                                                                                                                                                                                                       LENGTH: 631
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28; Indels

Length 111

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70 DDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYLGMQIENRKIKPQKIE 129
                                                                                                                                                                                 2 DDILCAAPTREVILQCYDHLQNGISCAGLIIAPDKIQTTTPYSYLGTLVNDTTVVPQKAT 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 KINDCYQILMRCVTEAGLRIAQDKIQQTTPVQYLGMVVDKQCIQPQKVQIRRDSLKTLND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              81 KLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYLGMQIENRKIKPQKIEIRKDTLKTLND
                                                                                                                                                                                                                                                                                         62 IHRNQLKTLKDFQKLLGDINWIRPALGIPTYAMSNLFSILRGDPGLTSPR 111
                                                                                                                                                                                                                                                         130 IRKDTLKTLNDFOKLLGDINWIRPTLGIPTYAMSNLFSILRGDSDLNSKR 179
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REPRENCE: PCOSCI.

CURRENT APPLICATION: NUMBER: US/10/242,515

CURRENT FILING DATE: 2002-09-13

PRIOR APPLICATION NUMBER: 09/764,877

PRIOR APPLICATION NUMBER: 60/179,065

PRIOR FILING DATE: 2000-01-31

PRIOR FILING DATE: 2000-00-31

PRIOR FILING DATE: 2000-02-04

PRIOR FILING DATE: 2000-06-28

PRIOR FILING DATE: 2000-06-28

PRIOR FILING DATE: 2000-06-08

PRIOR FILING DATE: 2000-06-08

PRIOR FILING DATE: 2000-06-11

PRIOR FILING DATE: 2000-06-11

PRIOR FILING DATE: 2000-06-14

PRIOR APPLICATION NUMBER: 60/220,963

PRIOR FILING DATE: 2000-06-14

PRIOR APPLICATION NUMBER: 60/220,963

PRIOR FILING DATE: 2000-07-36

PRIOR FILING DATE: 2000-07-14

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-16

PRIOR FILING DATE: 2000-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1706, Application US/09764877

Patent No. US20020147140A1

GENERAL INFORMATION:

APPLICANT Rosen et al.

FILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PCOOS

CURRENT PELING DATE: 2001-01-17

Prior application data removed - refer to PALM or file wrapper

NUMBER: OF SEQ ID NOS: 4031

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 1706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   35.8%; Score 343; DB 9; Length 108;
66.7%; Pred. No. 1.5e-30;
tive 14; Mismatches 19; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          141 FOKLLGDINWIRPTLGIPTYAMSNLFSILRGDSDLNSKR 179
                                  Query Match
37.7%; Score 362; DB 15;
Best Local Similarity 64.5%; Pred. No. 1.1e-32;
Matches 71; Conservative 11; Mismatches 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1706, Application US/10242515
Publication No. US20040009488A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 66.7%
Matches 66; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; CRGANISM: Homo sapiens
US-09-764-877-1706
                                                                                                                                                                                                                                                                                                                                                                                         RESULT 10
US-09-764-877-1706
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US-10-242-515-1706
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Patent No. US20020115147A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Method for producing an active heterodimeric AMV-RT in prokaryoti
FILE REPERENCE: 5272/00/
CURRENT APPLICATION NUMBER: US/09/960,428
CURRENT FILING DATE: 2001-09-21
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                        113 FSIPLAEQDREAFATLESVNNQAPARRFQWKVLDPQGMTCSPTICQLIVGQILEPLRIKH 172
                                                                                                                                                                                                                                                                           61 SDCYIIHYPDDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKIQTSTPFHYLGMQIEN 120
                                                                                                                                                                                                                                                                                                           173 PSLRWLHYMDDLLLAASSHDGLEAAGEEVISTLERAGFTISPDKVQREPGVQYLGYKLGS 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              173 PSLRMLHYMDDLLLAASSHDGLEAAGEEVISTLERAGFTISPDKVQREPGVQYLGYKLGS 232
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                                                                                                                                                               1 FTIPLAEQDCEKFAFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDKF 60
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                                                                                                                                                                                                                                                                                                                                                                                                                1 FTIPLAEQDCEKFAFTIPAINNKEPATRFOWKVLPQGMLNSPTICQTFVGRALQPVRDKF 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Gaps
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Publication No. US20030236392A1

GENERAL INFORMATION:

APPLICANT: HELLX RESEARCH INSTITUTE

TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA

FILE REFREENCE: H1.A0105

CURRENT APPLICATION NUMBER: US/10/104,047

CURRENT FILING DATE: 2002-03-25

PRIOR APPLICATION NUMBER:

PRIOR PLING DATE:

NUMBER OF SEQ ID NOS: 4096

SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   41.1%; Score 394; DB 9; Length 858; 45.8%; Pred. No. 4.8e-35; tive 29; Mismatches 66; Indels
                                                             Length 572;
                                                                                                              66; Indels
                                                    Query Match
41.1%; Score 394; DB 9;
Best Local Similarity 45.8%; Pred. No. 2.7e-35;
Matches 82; Conservative 29; Mismatches 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , ORGANISM: Avian Myeloblastosis Virus US-09-960-428-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 45.88 Matches 82, Conservative
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US-10-104-047-2742
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LENGTH: 858
US-09-960-428-6
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US-09-960-428-7
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121 RKIKPQKIEJRKDTLKTLNDFQKLLGDINWIRPTLGIPTYAMSNLFSILRGDSDLNSKRM 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                NY: EXPRESSED IN PLACENTA, SIGNAL = 1.4

NY: EXPRESSED IN HELLO, SIGNAL = 1.1

NY: EXPRESSED IN HELA, SIGNAL = 1.1

NY: EXPRESSED IN HELA, SIGNAL = 1.1

NY: EXPRESSED IN HEAT, SIGNAL = 1.7

NY: EXPRESSED IN DULT LIVER, SIGNAL = 1.7

NY: EXPRESSED IN PETAL LIVER, SIGNAL = 1.4

NY: EXPRESSED IN PETAL LIVER, SIGNAL = 1.4

NY: EXPRESSED IN BRAIN, SIGNAL = 1.3

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

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NY: EXPRESSED IN LUNG, SIGNAL = 2.7

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NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7

NY: EXPRESSED IN LUNG, SIGNAL = 2.7
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US-08-001-011A-30

Sequence 30, Application US/08808031A

Publication No. US20020048802A1

GENERAL INFORMATION:

APPLICANT: Incove, Sumiko

APPLICANT: Eagle, Susan

APPLICANT: Eagle, Susan

APPLICANT: Incove, Massayori

TITLE OF INVENTION:

NUMBER OF SEQUENCES: S2

CORRESPONDENCE ADDRESS:

ADDRESSE: WEISER & ASSOCIATES

STREET: 230 South Fifteenth Street, Suite 500

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29.6%; Score 284; DB 9; Length 60
90.3%; Pred. No. 7.3e-23;
tive 1; Mismatches 5; Indels
              PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 36676
LENGTH: 603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,031A
FILING DATE: 03-MAR-1997
CLASSIPICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 377(913).5888P
TELECOMMUNICATION INFORMATION:
TELEPRONE: 215-875-8393
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                             MAP TO AC006078.1
                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: MAP TO ACOOG
OTHER INFORMATION: EXPRESSED IN
OTHER INFORMATION: EXPRESSED IN
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US-09-864-761-36676
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Best Local Similarity 90.3°
Matches 56, Conservative
                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Rank, Mensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USBUT FOR ITILIZE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USBUT FOR FILTS OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USBUT FOR FILTS OF INVENTION: HUMBER: US/09/064,761
CURRENT PAPLICATION NUMBER: US/09/064,761
PRIOR PLICATION NUMBER: US 60/20/456
PRIOR PLICATION NUMBER: US 60/20/456
PRIOR PLICATION NUMBER: US 60/20/456
PRIOR PLICATION NUMBER: US 60/20/466
PRIOR APPLICATION NUMBER: US 60/20/466
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PLICATION NUMBER: PCT/US01/00668
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 4031
SOFTWARE: Patentin Ver. 2.0
LENGTH: 108
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 108;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35.8%; Score 343; DB 15;
66.7%; Pred. No. 1.5e-30;
cive 14; Mismatches 19;
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APPLICATION NUMBER: US 60/234,687
FILING DATE: 2000-09-21
APPLICATION NUMBER: US 09/608,408
FILING DATE: 2000-06-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 36676, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 66.7%
Matches 66; Conservative
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; ORGANISM: Homo sapiens
US-10-242-515-1706
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Search completed: May 5, 2004, 16:06:44
Job time : 39.093 весв
                                                                                                                                                                                                                                                                                                                    Sequence 9, Application US/09946239
Patent No. US20020044945Al
GENERAL INFORMATION:
       23;
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SEQ ID NO 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Unknown
FEATURE:
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     Matches
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                                                                                                                                                                                                                                          106 FQIPLPKQFQPYFAFTVPQQCNYGPGTRYAWKVLPQGFKNSPTLFEMQLAHILQPIRQAF 165
                                                                                                                                                                                                                                                                              61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKI-QTSTPFHYLGMQIE 119
                                                                                                                                                                                                                                                                                                      120 NRKIKPQKIEIRKDTLKT-----LNDFQKLLGDINWI---RPTLGIPTYAMSNLFSI 168
                                                                                                                                                                                                                                                                                                                                                                                 224 ---ISPN--HLTYDAVPTVPIRSRWALPELQALLGEIQWVSKGTPTLROP---LHSLYCA 275
                                                                                                                                                                                                      1 FTIPLAEQDCEKFAFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDKF
                                                                                                                                                                      Gaps
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                                                                                                                                 DB 8; Length 578;
                                                                                                                                                                    69; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08808031A
Publication No. US20020048802A1
GENERAL INFORMATION:
APPLICANT: Haw, Mei-Yin
APPLICANT: Esqle, Sumiko
APPLICANT: Esqle, Susan
APPLICANT: Inouye, Masayori
TITLE OF INVENTION: PROKARYOTIC REVERSE TRANSCRIPTASE
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 230 South Fifteenth Street, Suite 500 STREET: 230 South Fifteenth Street, Suite 500 STREET: PA COUNTRY: Philadelphia STATE: PA COUNTRY: USA ZIP: 19102 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATION SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: 1870 STREAM APPLICATION DATA: 1870 STREAM APPLICATION DATA: 1870 CLASSIFICATION: 435 CLASSIFICATION: 435
                                                                                                                             ch 26.0%; Score 249; DB 8 1 Similarity 36.0%; Pred. No. 6e-19; 67; Conservative 28; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 377(913).5888P
TELECOMMINICATION INFORMATION:
TELEPHONE: 215-875-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24.9%;
LENGTH: 578 amino acids
TYPE: amino acid
STRANDEDNESS:
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                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
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MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                 LRGDSD 174
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                                                                                                                               Query Match
Best Local Similarity
Matches 67; Consery
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Best Local Similarity
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US-08-808-031A-30
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APPLICANT: BAILTON: No. US20020044945Alel Feline Immunodeficiency Virus Nucleotide an TITLE OF INVENTION: No. US20020044945Alel Feline Immunodeficiency Virus Nucleotide an TITLE OF INVENTION: POlypeptide Sequences
FILE REFERENCE: 18617.0059
CURRENT APPLICATION NUMBER: US/09/946,239
CURRENT FILING DATE: 2001-09-04
PRIOR APPLICATION NUMBER: US 09/38, 303, US 60/072,927
PRIOR FILING DATE: 1999-01-28, 1998-01-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: protein encoded by the pol gene of a recombinant viral OTHER INFORMATION: clone constructed from the genomic DNA of a Pallas's cat feline OTHER INFORMATION: immunodeficiency virus
                                                                                                                                                        119
                                                                        165
                                                                                                                                                                                                       166 PQCTILQYMDDILLASPSHEDLLLLSBATMASLISHGLPVSENKTQQTPGTIKFLG-Q1- 223
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                                              106 PQIPLPKQFQPYFAFTVPQQCNYGPGTKYAWKVLPQGFKNSPTLFEMQLAHILQPIRQAF
                                                                                                                                                        61 SDCYIIHYFDDILCAAETKDKLIDCYTFLPAEVANAGLAIASDKI-QTSTPFHYLGMQIE
1 FTIPLAEQDCEKFAFTIPAINNKEPATRFQWKVLPQGMLNSPTICQTFVGRALQPVRDKF
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                                                                                                                                                                                                                                                                                                             120 NRKIKPOKIEIRKDTLKT-----LINDFOKLLGDINWI 151
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24.9%; Score 238.5; DB 9;
Best Local Similarity 33.3%; Pred. No. 2.4e-17;
Matches 62; Conservative 30; Mismatches 85;
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(without alignments)
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978
1 MVTEVTWMDNPIEVYVNDSV......PQLLRTNSVVSKCTSESSCR
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18: \cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*

18: \cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Description	Sequence 1. Appli	Sequence 7, Appli	ď	10	ä	Sequence 8, Appli	Sequence 33768, A	Sequence 540, App	Sequence 2900, Ap	Sequence 2, Appli	Sequence 3, Appli	Sequence 7663, Ap	Sequence 1897, Ap	Sequence 295, App	Sequence 4, Appli
SUMMARIES	US-10-236-091-1	US-10-233-958-7	US-10-233-958-9	US-10-233-958-10	US-10-233-958-1	US-10-233-958-8	US-09-864-761-33768	US-10-243-552-540	US-10-104-047-2900	US-10-236-091-2	US-10-236-091-3	US-10-156-761-7663	US-10-276-774-1897	US-10-170-385-295	US-10-236-091-4
DB	14	15	15	15	15	15	σ	12	15	14	14	14	12	12	14
* Query Match Length DB	153	153	260	260	260	260	48	146	164	16	15	844	1008	1078	15
% Query Match	85.9	85.9	85.9	85.9	85.1	85.0	22.5	18.9	ω σ,	8.7	8.6	8.6	8.5	8.4	8.3
Score	840	840	840	840	832	831	220	184.5	87	85	84	84	83.5	82.5	81
Result No.		7	m	4	Ŋ	φ	7	6 0	σv	10	11	12	13	14	15

121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153

Sequence 2, Appli Sequence 71464, A Sequence 686, Appl Sequence 184, Appl Sequence 103, Appl Sequence 2121, Appl Sequence 2121, Appl Sequence 21499, Sequence 21499, Sequence 21499, Sequence 21499, Sequence 4169, Appl Sequence 4161, Appl Sequence 4234, A Sequence 4334, A Sequence 4334, A Sequence 4334, A Sequence 4334, A Sequence 4334, A Sequence 6741, A Sequence 6741, A Sequence 105, Appl Sequence 105, Appl Sequence 6741, A	quence 356, 7 equence 2063 equence 52, 7 equence 37, Ag equence 37, 8 equence 43, 8
US-09-886-900-2 US-10-425-114-7 US-10-225-0668- US-10-278-536-1 US-10-278-536-1 US-10-421-1388- US-10-424-599-1 US-10-424-599-1 US-10-424-599-1 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-4 US-10-425-114-6 US-10-425-114-4 US-10-425-114-6 US-10-425-114-6 US-10-425-114-6 US-10-425-114-6 US-10-425-114-6 US-10-425-114-6 US-10-425-114-6	US-09-801-368-356 US-10-424-559-20 US-10-260-937-52 US-09-792-630-37 US-09-53-351-37 US-10-080-376-37 US-10-080-376-37
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ALIGNMENTS

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APPLICANT: Dupuis, Marc

TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV

TITLE OF INVENTION: Protein of HERV-KI8 and Their Use in Obtaining

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION NUMBER: 60/317,703

PRIOR FILING DATE: 2001-09-06

NUMBER OF SEQ ID NOS: 5

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO. 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT; ORGANISM: Human endogenous retrovirus US-10-236-091-1
Sequence 1, Application US/10236091
Publication No. US20030162263A1
GENERAL INFORMATION:
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VS-10-233-958-7

Sequence 7, Application US/10233958

Sequence 7, Application NOS0040009468A1

Sequence 7, Application NOSU050040009468A1

SEQUENCE 7. Application NOSU050040009468A1

SEQUENCE 8. SECOND SECURITY MACHINE SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY SECURITY S
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APPLICANT: Mach, Bernard
APPLICANT: Conrad, Bernard
TITLE OF INVENTION: Allelic Variants of HER V-KI8, Method for the Analysis
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
FILE REFERENCE: 23135-504
CURRENT APPLICATION NUMBER: US/10/233,958
CURRENT FILING DATE: 2001-09-31
PRIOR PAPLICATION NUMBER: 60/316,522
PRIOR PAPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
SPROVE FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver. 2.1
LENGTH: 560
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PKGSKOTEVLVWEECVANSVVILQNNEFGTIID 153
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US-10-233-958-9
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Publication No. US20040009468A1
GENERAL INFORMATION:
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APPLICANT: Mach, Bernard
APPLICANT: Mach, Bernard
APPLICANT: Conrad, Bernard
APPLICANT: Conrad, Bernard
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-K18
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
FILE REFERENCE: 23135-504
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR PILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
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Sequence 1, Application US/10233958

Publication No. US2004009468A1

Sequence 1, Review of US-2004009468A1

Sequence 1, Application No. US2004009468A1

APPLICANT: Mach, Bernard

APPLICANT: Conrad, Bernard

TITLE OF INVENTION: Allelic Variants of HER V-K18, Method for the Analysis

TITLE OF INVENTION: Thereof and Use in the Determination of Genetic

TITLE OF INVENTION: Provirus

TITLE OF INVENTION: Provirus

TITLE OF INVENTION: Provirus

FILE REFERENCE: 23135-564

CURRENT APPLICATION NUMBER: US/10/233,958
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                          Score 840; DB 15;
Pred. No. 2.7e-86;
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85.9%; Scc...
100.0%; Pred. No. ...
'... 0; Mismatches
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Publication No. US20040009468A1
GENERAL INFORMATION:
                      Query Match
Best Local Similarity 100.(
Matches 153; Conservative
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ORGANISM: Human endogenous retrovirus
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US-09-864-761-33768
                                 / US-10-233-958-8
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OTHER INFORMATION: Where Xaa is Trp, Leu, Ser, or Stop
FEATURE:
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LOCATION: (97)
OTHER INFORMATION: Where Xaa is Tyr, Cys ,Phe or Ser
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. OTHER INFORMATION: Where Xaa is Val, Ile, Leu or Phe
US-10-233-958-1
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OTHER INFORMATION: Where Xaa is Val, Ile or Leu FEATURES:
FEATURE: VARIANT
LOCATION: (348)
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CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/316,513
PRIOR FILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Human endogenous retrovirus
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Publication No. US20040009468A1
GENERAL INFORMATION:
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NAME/KEY: VARIANT
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LENGTH: 560
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LENGTH: 560
TYPE: PRT
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US-10-233-958-8
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Sequence 33769 Application US/09864761

Recent Co. 02200010486331

Recent Co. 02200010486331

Recent Co. 02200010486331

Recent Co. 02200010486331

Recent Co. 02200010486331

RECENTARY: Chem. David. Recent Co. 02200010486331

FITIE OF INVENTION: HUMAN GROWN-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL. FOR FITIE REFERENCE: Accom. CA. 02204

FITIE OF INVENTION: GINE EXPRESSION ANALYSIS BY MICROARRAY

FITIE OF INVENTION: GINE EXPRESSION ANALYSIS BY MICROARRAY

FITIE OF INVENTION: HUMAN NUMBER: US/09/644,761

CURRENY PELLING DATE: 2001-05-23

FRIOR PELLING DATE: 2001-05-24

FRIOR PELLING DATE: 2000-05-26

FRIOR PELLING DATE: 2000-05-26

FRIOR PELLING DATE: 2000-05-26

FRIOR PELLING DATE: 2000-05-26

FRIOR PELLING DATE: 2000-05-26

FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-01-30

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FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-01-30

FRIOR PELLING DATE: 2000-0
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                                                                                                                                                                                                                                                                                                                                                                        61 LMPAVQNWLVEVPTVSPNSRFTYHMVSGMSLRPRVNCLQDFSYQRSLKFRPKGKTCPKEI 120
                                                                                                                                                 1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPREEGMMINISIGYHYPPICLGRAPGC 60
                                                                                                                                                                                                                           9
                                                                                                                                                                                                               1 MYTEVTWMDNEIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLGRAFGC
                                                                              Gaps
                                                                              0
   Length 560;
                                                                              Indels
Query Match 85.0%; Score 831; DB 15; Best Local Similarity 99.3%; Pred. No. 2.9e-85; Matches 152; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
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1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLG-RAPG 59
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TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
TITLE OF INVENTION: Protein of HERV-KI8 and Their Use in Obtaining
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
CURRENT APPLICATION NUMBER: 108/10/236,091

PRIOR PELICATION NUMBER: 60/317,703
PRIOR PELICATION NUMBER: 60/317,704
PRIOR PELICATION DATE: 2001-09-06
PRIOR PELICATION DATE: 2001-09-06
PRIOR PELICATION DATE: 2001-09-06
                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VLVWEDCIAEQAEVLHNDSYGVIIDCSPK-----GMFSLNCASQSAC 44
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
FILE REFERENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER:
PRIOR PILING DATE:
PRIOR PILING DATE:
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2900
Best Local Similarity 53.1%; Pred. No. 1.3e-12;
Matches 34; Conservative 11; Mismatches 18; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7; Mismatches
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; ORGANISM: Human endogenous retrovirus
US-10-236-091-2
                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 2900, Application US/10104047; Publication No. US20030236392A1; GENERAL INFORMATION:
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Publication No. US20030162263A1
GENERAL INFORMATION:
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 16
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; ORGANISM: Homo sapiens
US-10-104-047-2900
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Best Local Similarity
Matches 17; Conserv
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SOFTWARE: pt FL_genes Version 5.0
SEQ ID NO 540
LENGTH: 146
                                                                                                 NN: MAP TO AL035086.12
NN: EXPRESSED IN PLACENTA, SIGNAL = 0.98
NN: EXPRESSED IN LUNG, SIGNAL = 1.1
NN: EXPRESSED IN HELA, SIGNAL = 1.5
NN: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
NN: EXPRESSED IN BAUTT LIVER, SIGNAL = 1.7
NN: EXPRESSED IN HELAO, SIGNAL = 1.7
NN: EXPRESSED IN HELLOO, SIGNAL = 1.7
NN: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
NN: EXPRESSED IN HELAO, SIGNAL = 1.7
NN: EXPRESSED IN HELAO, SIGNAL = 1.7
NN: EXPRESSED IN HEART, SIGNAL = 1.7
NN: EXPRESSED IN HEART, SIGNAL = 1.7
NN: EXPRESSED IN HEART, SIGNAL = 1.4
NN: EXT HUMAN HIT: AA666498.1, EVALUE 7.00e-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  47 YHYPPICLGRAPGCLMPAVQNWLVEVPTVSPNSRFTYHMVSGMSLRPR 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 YCYPPICLGRAPGCLMPTTQNWLVEVPTVSATSGFTYHRVSGMSLRPQ 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22.5%; Score 220; DB 9; Length 48; 83.3%; Pred. No. 2.6e-17; ive 1; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Yonghong
APPLICANT: Wang, Zolawai
APPLICANT: Wang, Caezhi
APPLICANT: Wang, Caezhi
APPLICANT: Wang, Caezhi
APPLICANT: Wang, Caezhi
APPLICANT: Wang, Caezhi
APPLICANT: Wang, Caezhi
APPLICANT: Ma, Yunqing
TITLE OF INVENTION: Novel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
TILE REFERENCE: 807A
CURRENT APPLICATION NUMBER: US/10/243,552
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR PILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR PILING DATE: 2000-01-21
PRIOR APPLICATION NUMBER: US 09/491,404
PRIOR PILING DATE: 2000-01-25
PRIOR PILING DATE: 2000-01-25
PRIOR APPLICATION NUMBER: US 09/491,404
PRIOR PILING DATE: 2000-01-25
PRIOR PILING DATE: 2000-01-25
PRIOR PILING DATE: 2000-01-25
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-04-27
PRIOR PILING DATE: 2000-04-27
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PRIOR PILING DATE: 2000-04-27
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Publication No. US20030224379A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
Best Local Similarity 83.35
Matches 40; Conservative
               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                 OTHER INFORMATION: E OTHER INFORMATION: E OTHER INFORMATION: E OTHER INFORMATION: E OTHER INFORMATION: E OTHER INFORMATION: E OTHER INFORMATION: E
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395 AAWTRRQGTHSVMVVPLRAHGTTLGVALFARSHR--
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ORGANISM: Homo sapiens
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                                                         Sequence 3, Application US/10236091

Sequence 3, Application US/10236091

Sequence 3, Application US/10236091

Sequence 3, Application No. US20030162263A1

SEMENTALION USCONDERVATION: Peptides Derived from the Superantigen (SAG) ENV

TITLE OF INVENTION: Protein of HERV-KM8 and Their Use in Obtaining

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

TITLE OF INVENTION: 2AG-Inhibitory Antibodies and in Vaccination Against

FILE REPERENCE: 23135-506

CURRENT APPLICATION NUMBER: US/10/236,091

FRIOR APPLICATION NUMBER: 60/317,703

PRIOR FILING DATE: 2001-09-06

PRIOR FILING DATE: 2001-09-06

NUMBER OF SEQ ID NOS: 5

SOFTWARE: PATENTIN Ver. 2.1
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8.6%; Score 84; DB 14; Length 844;

Best Local Similarity 27.6%; Pred. No. 4.1;

Matches 43; Conservative 15; Mismatches 64; Indels 34; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     24 GPTDDRCPAKPEEEGMMINISIGYHYP---PI--CLGRAPGCLM----PAVONWLVEVPT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ISHIKAWA, JUN
APPLICANT: BARIKAWA, HIROSHI
APPLICANT: SHIBA, TADANCSHI
APPLICANT: SHIBA, TADANCSHI
APPLICANT: SAKAKI, YOSHIYUKI
APPLICANT: BATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-26
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT APPLICATION NUMBER: US/201-0204089
PRIOR FILING DATE: 2001-05-30
PRIOR FILING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 7663
LENGTH: 844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Human endogenous retrovirus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7663, Application US/10156761
Publication No. US20030119018A1
GENERAL INFORMATION:
APPLICANT: OMUTA, SATOSHI
APPLICANT: IKEDA, HARUO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Streptomyces avermitilis US-10-156-761-7663
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RESULT 13
US-10-276-774-1897
US-10-276-774-1897
Sequence 1897, Application US/10276774
Publication No. US20040053245A1
GENERAL INFORMATION:
APPLICANT: Tang, Y, Tom et al
TITLE OF INVENTION: No. US20040053245A1e1 Nucleic Acids and Polypeptides
FILE REPERENCE: 2122-030
CURRENT APPLICATION NUMBER: US/10/276,774
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: 09/560,875
PRIOR FILING DATE: 2000-04-27
PRIOR FILING DATE: 2000-04-27
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 2700
SOFTWARE: CURFOM
-PEPFEADDLWLAEE 442
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 8.5%; Score 83.5; DB 12; Length 1008; Best Local Similarity 29.3%; Pred. No. 6; Matches 27; Conservative 13; Mismatches 33; Indels 19; Gaps
                                                        135 CVANSVVILON ----NEFGTIIDLGTSRSILPOLL 165
                                                                                                                443 LTAQTAVHLHNAHRHAREHTTTMTL--QRSLLPQKL 476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , COTHER INFORMATION: Xaa = any amino acid or nothing US-10-276-774-1897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               219 TAPHCL---PSVLSPAIQQPL--LPTASTSSR 245
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APPLICANT: Milte, Jonathan
APPLICANT: Milte, Jonathan
APPLICANT: Banley, Katie Mary
APPLICANT: Rayner, William Nigel
APPLICANT: Rayner, William Nigel
APPLICANT: Krigsman, Susan Mary
APPLICANT: Krigsman, Susan Mary
APPLICANT: Krigsman, Susan Mary
APPLICANT: Krigsman, Susan Mary
APPLICANT: Krigsman, Susan Mary
APPLICANT: CONTEST STATE STATE
CURRENT APPLICATION NUMBER: US/10/170,385
CURRENT PILING DATE: 2002-06-12
PRIOR APPLICATION NUMBER: PCT/GB01/05458
PRIOR APPLICATION NUMBER: PCT/GB01/05458
PRIOR APPLICATION NUMBER: PCT/GB01/05458
PRIOR FILING DATE: 2001-12-10
NUMBER: OF SEQ ID NOS: 549
SEQ ID NO 295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 295, Application US/10170385
Publication No. US20030203372A1
GREERAL INPORMATION:
APPLICANT: Marci, Neil Raymond
APPLICANT: Mundy, Christopher Robert
APPLICANT: Kan, On
APPLICANT: Harris, Robert Alan
APPLICANT: White, Jonathan
APPLICANT: White, Jonathan
APPLICANT: Raymer, William Nigel
APPLICANT: Raymer, William Nigel
APPLICANT: Naylor, Stuart
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```
APPLICANT: Dupuis, Marc

ITILE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV

ITILE OF INVENTION: Percein of HERV-XI8 and Their Use in Obtaining

ITILE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

ITILE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

ITILE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against

FILE REFERENCE: 23135-506

CURRENT APPLICATION NUMBER: US/10/236,091

PRIOR PRILOR APPLICATION NUMBER: 60/317,704

PRIOR FILING DATE: 2001-09-06

NUMBER OF SEQ ID NOS: 5

SOFTWARE: Patentin Ver. 2.1

LENGTH: 15

LENGTH: 15

TYPE: RT.

TYPE: RT.

US-10-236-091-4
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                                                                                                                                                                                                                                                                                                                      86 VSGMSLRPR----VNYLQDFSYQRSLKFRPKGKTCPKEIPKGSKNTFVLVWEECVANSV- 140
                                                                                                                                                                                                                                                                                                                                                        44 SIGYHYPPICLGRAPGCIMPAVQNWLVEVPTVSPNSRFTY-------HM--- 85
                                                                                                                  Query Match

8.4%; Score 82.5; DB 12; Length 1078;
Best Local Similarity 23.8%; Pred. No. 8.5;
Matches 39; Conservative 23; Mismatches 61; Indels 41; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                        141 ---VILONNEFGTIIDLGTSRSILPQLLRTNSVVSKCTSESSCR 181
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US-10-266-091-4
Sequence 4, Application US/10236091
Sequence 10 US/10236091
Publication No. US20030162263A1
GENERAL INFORMATION:
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                     ; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-170-385-295
LENGTH: 1078
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Search completed: May 5, 2004, 16:06:43 Job time : 38.8837 secs

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// TOPOLOGY: linear
// MOLECULE TYPE: protein
US-07-991-867B-6
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25, Appl
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1 MVTPVTWMDNPIEVYVNDSV......PQLLRTNSVVSKCTSESSCR 181
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/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-370-861A-6
US-09-132-622-2
US-08-218-262-14
US-08-21-87-14
US-08-590-14
US-09-561-109B-13
US-09-561-109B-13
US-09-68-113A-8
US-09-68-113A-8
US-09-68-12
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                                                                                         OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Perfect score:
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                                                                                                                                             Run on:
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32, Appl	3035	5753. A	9.	Appl	7. Appli	15. Appl	15. Appl	• •	,		2. Appli	2. Appli	Appl		33 Ann	Anni	2, Appli
Seguence	Sequence	Seguence	Seguence	Seguence	Seguence	Sequence	Seguence	Seguence	Segmence	Segmence	Segmence	Sequence	Seguence	Segmence	Secretarion	Segmence	Sequence
US-09-537-357-32	US-09-252-991A-30350	US-09-543-681A-5753	US-08-857-076-99	US-09-080-044-7	US-09-531-857A-7	US-08-220-151-15	US-08-413-118-15	US-08-473-446-15	US-08-290-731C-5	-09-356-952-3	US-09-040-220D-2	US-09-457-066-2	US-09-265-686-2	US-09-540-224-5	US-09-564-595D-33	US-09-706-968-2	-09-723-749-
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68.5	68	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67	67	67	67	67	67	67
28	29	30	31	35	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

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REBULT.

RESULT.

Subjection US/07991867B

FREAT NO. 5476781

FREAT NO. 5476781

FREAT NO. 5476781

FREAT NO. 5476781

FREAT NO. 547678181

FREAT SUBJECTANT: Molthard L.

FREAT STATES SUBJECTANT: Molthard L.

FREAT STATES SUBJECTANT: Molthard L.

TITLE OF INVENTION: NO. 547678181 Entomopoxyrius Expression System

CORRESSENDENCES: 66

ADDRESSEE: ADDRESS: 6

ADDRESSEE: Part N. 4184 Street, Suite A-1

CITY: Gaines/IN W. 4184 Street, Suite A-1

CONMUTRY: USA

COMPUTER: Endemilin Release #1.0, Version #1.25

COMPUTER: BEAUTIN Release #1.0, Version #1.25

COMPUTER: BEAUTIN Release #1.0, Version #1.25

COMPUTER: BEAUTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

PRIOR APPLICATION NUMBER: WO. 92/14818

FILING DATE: 12-PEB-1992

FILING DATE: 12-PEB-1992

FILING DATE: 12-PEB-1992

FILING DATE: 13-PEB-1991

APPLICATION NUMBER: WO. 97/657, 584

FILING DATE: 13-PEB-1991

APPLICATION NUMBER: US 07/657, 584

FILING DATE: 13-PEB-1991

APPLICATION NUMBER: US 07/657, 584

FILING DATE: 13-PEB-1991

ATTOMNEY/AGENT TINCHARDER: UT 14.03

FILING DATE: 13-PEB-1991

ATTOMNEY/AGENT TINCHARDER: UT 14.03

FILING DATE: 13-PEB-1991

ATTOMNEY/AGENT TINCHARDER: UT 14.03

FELENDAMICATION NUMBER: UT 14.03

FELENDAMICATION NUMBER: UT 14.03

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GENERAL INFORMATION:
APPLICANT: MOYET, Richard W.
APPLICANT: Hall, Richard L.
APPLICANT: Gruidl, Michael E.
TITLE OF INFORTION: No. 5935777el Entomopoxvirus Expression System
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE Gerard H. Bencen
STREET: 2421 NW. 41st Street, Suite A-1
CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                  ZIP: 32606

ZIP: 32606

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/544,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,867
FILING DATE: 07-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/107,755
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,685
FILING DATE: 30-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,685
FILING DATE: 30-JAN-1992
PROR APPLICATION DATA:
APPLICATION NUMBER: US 07/827,685
FILING DATE: 30-JAN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTOWNEY/AGENT INFORMATION:
NAME: Bencen, Gerard H.
REGISTRATION NUMBER: 35,746
                                                               Sequence 6, Application US/08544332
Patent No. 5935777
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: UF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               904-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 1003 amino aci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-544-332-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                       60 CLMPAVQ-----NWLVEVPTVSPNSRFTYHMVSG---MSLRPRVNYLQDFSYQRSLKFR 110
                                                                                                                                                -- 482
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                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/08107755A
Fatent No. 5721352
GENERAL INFORMATION:
APPLICANT: Hall, Richard W.
APPLICANT: Gruid!, Michael E.
TITLE OF INVENTION:
NO. 5721352el Entomopoxvirus Expression System
CORRESPONDENCE: 40
CORRESPONDENCE: ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: Florida
COUNTRY: U.S.A.
ZIP: 32606
MEDIUM TYPE: Floridy disk
                                                           Gaps
                                                                                                                                                                          111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILQNNEFGTIIDLGTSRSI 160
                                                                                                                                                                                                                    483 -RNDICLKOAIKOHYTNVIILEYANTYPNCTLSLGNNRFNNVFDMNDNKTI 532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILQNNEFGTIIDLGTSRSI 160
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           DB 1; Length 1003;
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8.2%; Score 80.5; DB 1; Length 1003;
Best Local Similarity 24.3%; Pred. No. 2.3;
Matches 27; Conservative 16; Mismatches 39; Indels 29
                                                                                                                      Query Match

8.2%; Score 80.5; DB 1; Length 1
Best Local Similarity 24.3%; Pred. No. 2.3;
Matches 27; Conservative 16; Mismatches 39; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/107,755A
FILING DATE: 19-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/827,658
FILING DATE: 30-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTORNEY/AGRIT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: UF114.C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS: TENGTH: 1003 aminoteristics:
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amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-107-755A-6
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60 CLMPAVQ-----NMLVEVPTVSPNSRFTYHMVSG---MSLRPRVNYLQDFSYQRSLKFR 110
                                                                                                                                                                                                                                                                                           111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILONNEFGTIIDLGTSRSI 160
                                                                                                                                                                                                                                                                                                                                                 ** | | : | : | : | : | : | 483 -RNDICLKQAIKQHYTNVIILEYANTYPNCTLSLGNNRFNNVFDMNDNKTI 532
                                                                                                                                                                                                                         441 CLKPKVPKNLRLWGWILDCDT----SRFIKHMADGSDDLDLDVRLN------
Query Match
8.2%; Score 80.5; DB 2; Length 1003;
Best Local Similarity 24.3%; Pred. No. 2.3;
Matches 27; Conservative 16; Mismatches 39; Indels 29
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US-09-370-861A-6
; Sequence 6, Application US/09370861A
; Patent No. 6410221
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1031 CADTKKVPLDSSPAVCHNNIMKQTMVDSSCR 1061
                                                                                                                                                                                                          Query Match
8.2%; Score 80.5; DB
Best Local Similarity 21.8%; Pred. No. 10;
Matches 46; Conservative 29; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    164 LLRT------NSVVSKCTSESSCR 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              164 LLRT------NSVVSKCTSESSCR 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/09132652
Patent No. 6074832
                            INFORMATION FOR SEQ ID NO: 2. SEQUENCE CHARACTERISTICS: LENGTH: 2813 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Canis familiaris
                                                                                                                                          , MOLECULE TYPE: protein US-08-896-449A-2
                                                                                                     TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 46; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        --- 482
           APPLICANT: Moyer, Richard W.
APPLICANT: Moyer, Richard L.
APPLICANT: Hall, Richard L.
APPLICANT: Hall, Richard L.
APPLICANT: Hall, Richard L.
TITLE OF INVENTION: No. 6410221e1 Entomopoxvirus Expression System
FILE REFERENCE: UF114.C4.D1
CURRENT APPLICANION UNMBER: US/09/370,861A
CURRENT FILING DATE: 1990-08-09
PRIOR APPLICATION NUMBER: US 07/991,867
PRIOR APPLICATION NUMBER: US 02/14818
PRIOR APPLICATION NUMBER: WO 92/14818
PRIOR FILING DATE: 1993-08-19
PRIOR FILING DATE: 1992-02-12
PRIOR APPLICATION NUMBER: WO 02/14818
PRIOR FILING DATE: 1992-01-30
PRIOR APPLICATION NUMBER: US 07/827,685
PRIOR APPLICATION NUMBER: US 07/657,584
PRIOR APPLICATION NUMBER: US 07/657,584
NUMBER OF SEQ ID NOS: 78
COFTWARE: PatentIn Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILONNEFGTIIDLGTSRSI 160
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8.2%; Score 80.5; DB 4; Length 1003;
Best Local Similarity 24.3%; Pred. No. 2.3;
Matches 27; Conservative 16; Mismatches 39; Indels 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/08896449A

Sequence 2, Application US/08896449A

GENERAL INFORMATION:

APPLICANT: Verbaiyan-Gurkan, Vilma
APPLICANT: Schall, William D
APPLICANT: Schall, William D
APPLICANT: Brewer, George J

TITLE OF INVENTION: DAM ENCODING CANINE VON WILLEBRAND

TITLE OF INVENTION: PACTOR AND METHODS OF USE

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Harness, Dickey & Pierce, P.L.C.

STREET: S445 Corporate Drive

COUNTY: USA

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IS A FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

SOFTWARE: Patentin Release #1.0, Version #1.25

APPLICATION NUMBER: US/08/896,449A

FILING DATE: 18-JUL-1997

CLASSIFICATION: 43.5

ATTORNEY AGENT INPORMATION:

NAME: Smith, DeAnn F.

REPERENCE/POCKET UNMBER: 2115-001226

TELEPHONE: 248-641-1000

TELEPHONE: 248-641-1270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: PRT; ORGANISM: Amsacta moorei entomopoxvirus US-09-370-861A-6
SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 6
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US-08-896-449A-2
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JORDANAL ANTICULATION.

JAPPICANT: Venta, Patrick J
APPICANT: Yuzbasiyan-Gurkan, Vilma
APPICANT: Yuzbasiyan-Gurkan, Vilma
APPICANT: Stanl, William D
APPICANT: Brewer, George J
APPICANT: Duffendeck, John
JITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
JITLE OF INVENTION: OF USE
CURRENT APPICATION WUMBER: US/09/132,652
CURRENT FILING DATE: 1998-08-11
EARLIER APPICATION NUMBER: 08/996,449
EARLIER FILING DATE: 1997-07-18
SOFTWARE: Patentin Ver: 2.0

SEQ ID NO 2

LENGTH: 2813
                                                                                                                                                                                                                                                                                                                                                           971 SVVWDHRLSISVTLKRTYQEQVCGLCGNPDGIQNNDF1SSSLQIEEDPVDFGNSWKVNPQ 1030
                                                                                                                                       75 VSPNSRFTYHMVSGMSLRPRVNYLQDFSYQRSLKFRPKGKTCPKEIPKGSKNTEVL--- 130
                                                                                                                                                                                                                                                131 --VWEECVANSVVI-------LQNNEFGTI------IDLGTSRSILPQ 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            971 SVVWDHRLSISVILKRTYQEQVCGLCGNFDGIQNNDFISSSLQIEEDPVDFGNSWKVNPQ 1030
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                                                                                                  26 TDDRCPAKPEEEGMMINIS---IGYHYPPIC-----LGRAPGCLMPAVQNWLVEVPT
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                                                      Gaps
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                                                      63;
DB 3; Length 2813;
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                                                      Indels
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69 INDDPVPTPPALEHKPVSPDKIGTFTADYSKPNLPPHYALFLKALRRKIYINLALGSHNK 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  106 SLKFRPKG-----KTCPKG--IPKGSKNTEVLVWEECVANSVVILONNE----FGTIIDL 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               51 PICLGRAPGCL-MPAVQNWLVEV-PTVSPNSRFTYHM-VSGMSLRP--RVNYLQDFSYQR
                                                                  Patent No. 592588
GENERAL INFORMATION:
APPLICANT: Young, Richard A.
APPLICANT: Koleske, Anthony J.
APPLICANT: Thompson, Craig M.
TITLE OF INVENTION: No. 5922585el Factors Which Modify Gene
TITLE OF INVENTION: Transcription and Methods of Use Thereof
NUMBER OF SEQUENCES: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Young, Richard A.
APPLICANT: Koleske, Anthony J.
APPLICANT: Thompson, Craig M.
APPLICANT: Chao, David M.
TITLE OF INVENTION: No. 6015682el Factors Which Modify Gene
                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive
CITY: Lexington
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29; Mismatches
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23.0%; Pred. No. 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      246 GHLNGHTPTIASYLTPLLEAKKLV 269
                                                                                                                                                                                                                                                                                                                                                                                                                  E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                    Sequence 14, Application US/08218265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-521-872-14; Sequence 14, Application US/08521872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1420 amino acids
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Matches 47; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM:
SOFTWARE: Patentli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
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US-08-218-265-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             51 PICLGRAPGCL-MPAVQNWLVEV-PTVSPNSRFTYHM-VSGMSLRP--RVNYLQDFSYQR 105
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 129 LIQFGNA--CISLSGVPNYLVQLEPHLFVNGDLTVSLCAKNMGLVPMKBENLEESFLSKH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         51; Gaps
                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Young, Richard A.
APPLICANT: Young, Richard A.
APPLICANT: Chao, Craig M.
APPLICANT: Chao, David M.
APPLICANT: Chao, David M.
APPLICANT: Chao, David M.
APPLICANT: The OF INVENTION: No. 5919666el Factors Which Modify GeneTITLE OF INVENTION: Transcription and Methods of Use Therefor NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                            IE: Hamilton, Brook, Smith & Reynolds, P.C.
Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
SURRENT ARPITCATION DATA:
APPLICATION NUMBER: US/08/540,804
FILING DATE: 11-OCT-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/521,872
FILING DATE: 21-AUG.1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/21,872
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/216,55
1031 CADTKKVPLDSSPAVCHNNIMKQTMVDSSCR 1061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    29; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7.5%; Score 73.5; 23.0%; Pred. No. 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 25-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Particia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: WH194-03A2
TELECOMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       155 G-----TSRSILPQLLRTNSVV 171
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                                                                                                      Sequence 14, Application US/08540804
Patent No. 5919666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 14: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                            STREET: Two Militia I
CITY: Lexington
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 47; Conserva
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                                                                                    JS-08-540-804-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-540-804-14
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Length 1420;

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COUNTRA.

ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

OFFWARE: Patentin Release #1.0, Version #1.30

TOTALION DAIA:
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APPLICANT: Burgeson, Robert
APPLICANT: Champliaud, Marie-France
APPLICANT: Champliaud, Marie-France
APPLICANT: Coch, Manuel
APPLICANT: Brunken, William
APPLICANT: Brunken, William
TITLE OF INVENTION: LAMININS AND USES THEREOF
FILE REFERENCE: 10287-066001
CURRENT APPLICATION NUMBER: US/09/561,709B
CURRENT PILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 09/168,949
PRIOR FILING DATE: 1998-10-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
7.5%; Score 73.5; D
Best Local Similarity 23.0%; Pred. No. 26;
Matches 47; Conservative 29; Mismatches
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                                                                                                                                                                                 SCETAMARE: Patentin Release #1.0, Ver SCETAMARE: Patentin Release #1.0, Ver CURRENT APPLICATION DATA: PAPELICATION NUMBER: US/08/590,399 FILING DATE: 26-UAN-1996 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/521,872 FILING DATE: 11-OCT-1995 PRIOR APPLICATION NUMBER: US 08/521,872 FILING DATE: 31-AUG-1995 PRIOR APPLICATION NUMBER: US 08/218,265 FILING DATE: 25-MAR-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               155 G-----TSRSILPQLLRINSVV 171
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Patent No. 6682911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Granahan, Parricia
REGISTRATION NUMBER: 32,227
REFERNCE/DOCKET NUMBER: WHI9
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 617-861-9440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 14: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 1420 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / MOLECULE TYPE: protein US-08-590-399-14
                       Massachusetts
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TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           51 PICLGRAPGCL-MPAVQNWLVEV-PIVSPNSRFIYHM-VSGMSLRP--RVNYLQDFSYQR 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          106 SLKFRPKG-----KTCPKE--IPKGSKNTEVLVWEECVANSVVILQNNE----FGTIIDL 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       --- MMINISIGNHYP 50
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TITLE OF INVENTION: Transcription and Methods of Use Therefor NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
STRIE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:

APPLICANT: Young, Richard A.

APPLICANT: Young, Richard A.

APPLICANT: Young, Althony J.

APPLICANT: Thompson, Craig M.

APPLICANT: Chao, David M.

TITLE OF INVENTION: No. 6214588el Factors Which Modify Gene
TITLE OF INVENTION: Transcription and Methods of Use Therefor
VNUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match
Best Local Similarity 23.0%; Pred. No. 26;
Matches 47; Conservative 29; Mismatches 77; Indels 51
                                                                                                                                                                                                                                              MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARD SYSTEM: PC-DOS/MS-DOS
SOFTWARD PALICATION DAIA:
APPLICATION NUMBER: US/08/521,872
FILING DATE: 13-AUG-1995
PRIOR APPLICATION 1436
PRIOR APPLICATION NUMBER: US/08/521,872
FILING DATE: 25-MAR-1994
ATYORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REBERENCE/DOCKET NUMBER: WH194-03A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
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Patent No. 6214588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 617-861-9540
INPORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 1420 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / MOLECULE TYPE: protein US-08-521-872-14
                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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CITY: Lexington
                                                                                                                                                                                                      02173
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US-08-590-399-14
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69 INDDPVPTPPAIEHKPVSPDKIGTFTADYSKPNLPPHYALFLKALRRKIYINLALGSHNK 128
                                                                                                                                                                                          106 SLKFRPKG-----KTCPKE--IPKGSKNTEVLVWEECVANSVVILQNNE----FGTIIDL 154
                                                                                                                                                                                                                                                                                      ----MMINISIGYHYP
                                                                                                                                                                 51 PICLGRAPGCL-MPAVQNWLVEV-PTVSPNSRFTYHM-VSGMSLRP--RVNYLQDFSYQR
DB 3; Length 1420;
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US-09-690-454-150
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                                                                                                                                                                                                                                                                                                                                                                                                        469 EPVPGNPWTGPGFR-----VLGAGLFAVNNIPFPDIIYEQSADWTVQIVVPGGSHCPKTQ 523
                                                                                                                                                                                                                                                                                                                         121 PK--GSKNTEVLVWEEC---VANSVVILQNNEFGTIIDLGTSRSILPQLLRTNSVVSKCT 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    105 RSLKF--RPKGKTCPKEIPKG------SKNTEV---LVWEECVANSVVILON 145
                                                                                                                                                                                                                                                                                              11 PIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLGRAPGCLMPAVQNWLV 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           487 SŚEGYLLYSKĠNGCPKDITSGGCYLIGNKDLDPEIŚVNKĖIGLEFTWEDYHA-SVTYFRN 545
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Patent No. 6410703
APPLICANT: RUSSO, Thomas A.
TITLE OF INVENTION: Identification of A Vaccine Candidate from an FILE REFERENCE: 11520.0214
CURRENT APPLICANT: NUMBER: US/09/668,113A
CURRENT FILING DATE: 2000-09-22
NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       40;
                                                                                                                                                                                                                      Query Match
7.4%; Score 72; DB 4; Length 1342;
Best Local Similarity 24.3%; Pred. No. 35;
Matches 45; Conservative 25; Mismatches 87; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 7.3%; Score 71; DB 4; Length 725; Best Local Similarity 24.4%; Pred. No. 19; Matches 31; Conservative 15; Mismatches 41; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  65 VQNWLVEVP--TVSPNSRFTYHMVSGMSLRPRVNYLQDFS---
PRIOR APPLICATION NUMBER: US 60/061,609
PRIOR FILING DATE: 1997-10-10
NUMBER OF SEQ ID NOS: 13
SEQ TWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 1342
                                                                                                                                                                ) OTHER INFORMATION: Consensus sequence US-09-561-7098-13
                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Escherichia coli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 146 NEFGTII 152
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RESULT 13 US-09-252-991A-17508 Sequence 17508, Application US/09252991A Patent No. 6551795

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### PRILONIN WRITCH WITCH CALL AND ACTO SECURNCE RELATED TO PREDOCOMAS FIRST DIAGNOSTICS AND THERAPETITICS CHICAND WITCH CALL AND ACTO SECURNCE RELATED TO PREDOCOMAS FIRST DIAGNOSTICS AND THERAPETITICS CHICAND WITCH CALL AND ACTO SECURNCE TO PRILON OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF THE ACTOR OF
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Query Match
7.1%; Score 69.5; DB 1; Length 440;
Best Local Similarity 22.5%; Pred. No. 14;
Matches 42; Conservative 25; Mismatches 59; Indels 61; Gaps 11;
                                                                                                        Query Match 7.2%; Score 70; DB 4; Length 151; Best Local Similarity 25.5%; Pred. No. 2.5; Matches 35; Conservative 13; Mismatches 45; Indels 44; Gaps 8;
; LOCATION: (123)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-690-454-150
                                                                                                                                                                                                                                                                                                                        73 PTVSPNSRFTYHMVSGMSLRPRVNYLQDFSYQRSLKPRP--KGKTCPK-----EIPKGSK 125
                                                                                                                                                                                                                                                                                                                                                                             -----IRPAFKIKVCSKLTVWCSLPSPSR 104
                                                                                                                                                                                                                   23 PGPTDDRCPAKPEEEGMMIN----ISIGYH----YPPICLGRAPGCLMPAVQNWLVEV 72
                                                                                                                                                                                                                                                              6 PGLTS---ALKPQMEGRIVGGGGSFSSRGRHPAGWVLPQPCLLLSPTLSFPPACGLLVPS 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CUDNIFIC VIGILIAR

STATE: VIGILIAR

ZIP: 22313-029

COMPUTER READABLE FORM:

MEDIUW TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/930,686

FILING DATE: 19921006

CLASSIPICATION 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: AU FK4486

FILING APPLICATION DATA:

APPLICATION NUMBER: AU FK4486

FILING APPLICATION NUMBER: AU FK4486

FILING APPLICATION NUMBER: AU FK486

FILING BELL OF FEB-1991

RAPLICATION NUMBER: 29.768

TELICOMMUNICATION INFORMATION:

NAME: Bent, Stephen A

REGISTRATION NUMBER: 29,768

TELICOMMUNICATION INFORMATION:

MATERIAL STEPHEN A

REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Foley and Lardner
STREET: Guite 500, 1800 Diagonal Road
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-930-686-12
Sequence 12, Application US/07930686
Patent No. 525500
GENERAL INFORMATION:
APPLICANT: Sharp, Phillip J
APPLICANT: Wagland, Barry M
APPLICANT: Cobon, Gary S
TITLE OF INVENTION: Nematode Vaccine
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: 12
                                                                                                                                                                                                                                                                                                                                                                    63 PSLLP-AVSSYHLPLGRGL--
                                                                                                                                                                                                                                                                                                                                                                                                                                    126 NTEVLVWEECVANSVVI 142
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INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 440 amino acids
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TELEFAX: (703) 683-4109
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AMINO ACID
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US-07-930-686-12
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10 NPIEVYVNDSVWVPGPTDDRCP-----AKPEEEGMMINISIGYHYPPICLGRAPGCLMP 63

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DD 177 NRINHYIYD-IGDPCTTGTGSKDE......ALCIPPGYTTVMP 220

QY 64 AVQNWLVEVPTVSPNSRFTYH-...-MVSGMSLRPRVNYLQDFSYQRSL......107

DD 221 PT...-TEREPTTPK.-.IYHPGGMCPENNAGMTDEARGWFVDKHNSKSLIAKGLAHNN 273

QY 108 --KFRPKGXTCPKEIFKGSKNTFV.-.-LVW-EECVANSVVILQNNEFGTIIDLGTSRSI 160

DD 274 LGGFAPKA-..-ARWMKVSYNCEIEANRVEWAKDCTLGYNSVAQNNQWGYNV.-.--HSL 324

QY 161 LPQLLRT 167

DD 325 LPHINKT 331

Search completed: May 5, 2004, 15:55:09

JOb time: 15:0833 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model

May 5, 2004, 15:53:16 ; Search time 32.0233 Seconds (without alignments) 1324.350 Million cell updates/sec Run on:

1 MVTPVTWMDNPIEVYVNDSV......ECVANSVVILQNNEFGTIID US-09-490-700-36 840 Perfect score: Sequence:

Scoring table:

BLOSUM62 Gapop 10.0 , Gapext 0.5

1138120 seqs, 277189581 residues Searched:

1138120 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:*

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18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		æ			SOFTERS	
Result No.	Score	Query	Query Match Length DB	DB	ID	Description
П	840	100.0	153	14	US-10-236-091-1	i Land Landemas
7	840	100.0	153	15	US-10-233-958-7	Segment 7 Semiliary
m	840	100.0	260	15	US-10-233-958-9	Segmence 9 applif
4	840	100.0	560	15	US-10-233-958-10	, ,
ស	832	0.66	560	15	US-10-233-958-1	Seminary 1 aprends
φ	831	98.9	560	15	US-10-233-958-8	Sections 8 acretically
7	220	26.2	48	σ	US-09-864-761-33768	Segmente 33768
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o,	85	10.1	16	14	US-10-236-091-2	Figure C enterpres
10	84	10.0	15	14	US-10-236-091-3	Semione 2 and
11	83.5	9.	1008	12	US-10-276-774-1897	Segmence 1807 Appril
12	81	9.0	15	14	US-10-236-091-4	Segmence 4 appli
13	81	9.0	164	15	US-10-104-047-2900	Semience 2900
14	77	9.	203	12	US-10-424-599-154998	Semience 154998
15	75	8.9	475	12	US-10-424-599-271886	Sequence 271886.

16 75 8.9 1078 12 US-10-170-385-295 19 72 8.6 602 15 US-10-260-937-52 20 72 8.6 2469 15 US-10-264-0249-2482 21 72 8.6 2469 15 US-10-190-115-2 23 71.5 8.5 481 12 US-10-190-115-2 23 71.5 8.5 481 10 US-09-759-967-21 24 71.5 8.5 481 12 US-10-424-599-171702 25 71.5 8.5 481 12 US-10-424-599-171702 26 71.5 8.5 481 12 US-10-424-599-171702 27 71.5 8.5 492 12 US-10-424-599-171702 28 71.5 8.5 492 12 US-10-424-599-1714-4464 29 71.5 8.5 492 12 US-10-425-114-4464 29 71.5 8.5 492 12 US-10-425-114
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ALIGNMENTS

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Sequence 1, Application US/10236091
| Publication V. US20030162263A1
| Publication No. US20030162263A1
| GENERAL INFORMATION
| APPLICANT: Dupuis, Marc
| TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
| TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Obtaining
| TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
| TITLE OF INVENTION: 2AG-Inhibitory Antibodies and in Vaccination Against
| FILE REFERENCE: 21135-506
| CURRENT APPLICATION NUMBER: 60/317,703
| PRIOR PELING DATE: 2001-09-06
| PRIOR FILING DATE: 2001-09-06
| NUMBER OF SEQ ID NOS: 5
| SEQ ID NO 1
| SEQ ID NO 1
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| SEQ ID NO 1
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100.0%; Score 840; DB 14; Length 153;
Best Local Similarity 100.0%; Pred. No. 4.4e-87;
Matches 153; Conservative 0; Mismatches 0; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ; ORGANISM: Human endogenous retrovirus US-10-236-091-1
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                                                                                                                                                                                             APPLICANT: Mach, Bernard
APPLICANT: Conrad, Bernard
APPLICANT: Conrad, Bernard
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
FILE REFERENCE: 23135-504
CURRENT APPLICATION NUMBER: US/10/233,958
CURRENT APPLICATION NUMBER: 60/316,513
PRIOR FILING DATE: 2001-09-03
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9, Application US/10233958
Publication No. US20040009468A1
GENERAL INFORMATION:
APPLICANT: Mach, Bernard
APPLICANT: Conrad, Bernard
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KIS
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
TITLE OF INVENTION: Provirus
FILE REFERENCE: 23135-504
CURRENT APPLICATION NUMBER: US/10/233,958
CURRENT APPLICATION NUMBER: 60/316,513
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 46
SEQ ID NO 9
LENGTH: 560
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100.0%; Score 840; DB 15;
Best Local Similarity 100.0%; Pred. No. 4.4e-87;
Matches 153; Conservative 0; Mismatches 0;
121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
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US-10-233-958-7
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                                                                                                                               Sequence 7, Application US/10233958
Publication No. US20040009468A1
GENERAL INFORMATION:
                                                                                                              US-10-233-958-7
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GENERAL INFORMATION

GENERAL INFORMATION

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Mach, Bernard

APPLICANT: Mach, Bernard

APPLICANT: Conrad, Bernard

APPLICANT: Mach, Bernard

APPLICANT: Mach, Bernard

TITLE OF INVENTION: Thereof and Use in the Determination of Genetic

TITLE OF INVENTION: Thereof and Use in the Determination of Genetic

TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-K18

FILE REFERENCE: 23135-504

CURRENT APPLICATION NUMBER: US/10/233,958

CURRENT FILING DATE: 2001-08-31

PRIOR APPLICATION NUMBER: 60/316,513

PRIOR PELING DATE: 2001-08-31

PRIOR FILING DATE: 2001-08-31

NUMBER OF SEQ ID NOS: 46

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10
                                                                                                                                                                                                                                                                120
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Publication No. US20040009468A1
GENERAL INFORMATION:
APPLICANT: Mach, Bernard
APPLICANT: Conrad, Bernard
TITLE OF INVENTION: Allelic Variants of HER V-K18, Method for the Analysis
TITLE OF INVENTION: Thereof and Use in the Determination of Genetic
TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-K18
FILE REFERENCE: 23135-694
CURRENT APPLICATION NUMBER: US/10/233,958
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Query Match
100.0%; Score 840; DB 15;
Best Local Similarity 100.0%; Pred. No. 2.5e-86;
Matches 153; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
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Publication No. US20040009468A1

General Mach, Bernard

APPLICANT: Conrad, Bernard

APPLICANT: Conrad, Bernard

TITLE OF INVENTION: Allelic Variants of HER V-KI8, Method for the Analysis

TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8

TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8

TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8

TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-KI8

TITLE OF INVENTION: Provinus

FILE REFRENCE: 23135-504

CURRENT APPLICATION NUMBER: 60/316,513

PRIOR APPLICATION NUMBER: 60/316,513

PRIOR FILING DATE: 2001-08-31

PRIOR FILING DATE: 2001-08-31

NUMBER OF SEQ ID NOS: 46

SEQ ID NO 8

LENGTH: 560

TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 LMPAVQNWLVEVPTVSPNSRFTYHMVSGMSLRPRVNYLQDFSYQRSLKFRPKGKTCPKBI 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLGRAPGC 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
99.0%; Score 832; DB 15; Length 560;
Best Local Similarity 99.3%; Pred. No. 2e-85;
Matches 152; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: VARIANT
LOCHATION: (154)
OTERE INFORMATION: Where Xaa is Trp, Leu, Ser, or Stop
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (348)
OTHER INFORMATION: Where Xaa is Val, Ile, Leu or Phe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: VARIANT
LOCATION: (534)
OTHER INFORMATION: Where Xaa is Val, Ile, Leu or Phe
                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Where Xaa is Tyr, Cys , Phe or Ser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: VARIANT
LOCATION: (272)
OTHER INFORMATION: Where Xaa is Val, Ile or Leu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               121 PKGSKNTEVLVWEECVANSVVILONNEFGTIID 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/316,513
PRIOR PILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/316,522
PRIOR PILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin Ver: 2.1
LENGTH: 560
                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Human endogenous retrovirus
                                                                                                                                                                                                                                                                                     NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-233-958-1
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US-10-233-958-8
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MARNEAL THOUGHAITS REALL, BARTON G.

APPLICANT: RANK, DAVIG R.

APPLICANT: RANK, DAVIG R.

APPLICANT: HARREN, DAVIG R.

APPLICANT: HARREN, DAVIG R.

APPLICANT: HARREN, DAVIG R.

APPLICANT: Chen, WERSHEUGH GRANK-DERIVED SINGLE EXON NUCLEIC ACID FROBES USEFUL FOR CURRENT PARLIANCH NUMBER: US/09/864,761

CURRENT PARLIANCH NUMBER: US/09/864,761

CURRENT PARLIANCH DATE: 2000-02-23

PRICA PAPLICATION NUMBER: US/09/864,761

CURRENT PARLIANCH DATE: 2000-02-23

PRICA PAPLICATION NUMBER: US/09/964,766

PRICA PAPLICATION NUMBER: US/09/9664,761

PRICA PAPLICATION NUMBER: US/09/964,766

PRICA PAPLICATION NUMBER: US/09/9664,761

PRICA PAPLICATION NUMBER: US/09/9664,761

PRICA PAPLICATION NUMBER: US/09/9664,761

PRICA PAPLICATION NUMBER: US/09/9666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

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PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00666

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

PRICA PAPLICATION NUMBER: PCT/USO1/00667

                                                                                                                                                                                                                                                                                                                                                                                                           61 LMPAVQNWLVEVPTVSPNSRFTYHNVSGMSLRPRVNYLQDFSYQRSLKFRPKGKTCPKSI 120
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                                                                                                                                                                                                                                                                                                               1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPEEEGWMINISIGYHYPPICLGRAPGC 60
                                                                                                                                                                                                                                                                   1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLGRAPGC 60
                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                   ;
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                                                                                                                                                                                               Indels
                                                                                                           Query Match 98.9%; Score 831; DB 15;
Best Local Similarity 99.3%; Pred. No. 2.6e-85;
Matches 152; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 PKGSKNTEVLVWEECVANSVVILONNEFGTIID 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121 PKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
; ORGANISM: Human endogenous retrovirus
US-10-233-958-8
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. Sequence 33768 . Application US/09864761
. Patent No. US20020048763A1
. GENERAL INFORMATION:
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                                                                                                        OTHER INFORMATION: MAP TO ALO35086.12
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN BT414, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BODE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELLO, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SYPERSSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SYPERSSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SYPERSSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SYPERSSED IN HEART, SIGNAL = 1.7
OTHER INFORMATION: SYPERSSED IN HEART, SYRVALE = 1.7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    47 YHYPPICLGRAPGCLMPAVQNWLVEVPTVSPNSRFTYHMVSGMSLRPR 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 YCYPPICLGRAPGCLMPTTQNWLVEVPTVSATSGFTYHRVSGMSLRPQ 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 26.2%; Score 220; DB 9; Length 48; Best Local Similarity 83.3%; Pred. No. 2.3e-17; Matches 40; Conservative 1; Mismatches 7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Tang, Yonghong
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Yonghong
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Wang, Cachi
APPLICANT: Ma, Yunqing
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 807a
CURRENT APPLICATION NUMBER: US/10/243,552
CURRENT APPLICATION NUMBER: US/0/32,511
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR APPLICATION NUMBER: US 09/488,725
PRIOR PELING DATE: 2000-12-12
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-02-03
PRIOR APPLICATION NUMBER: US 09/496,914
PRIOR FILING DATE: 2000-02-03
PRIOR APPLICATION NUMBER: US 09/560,875
PRIOR APPLICATION NUMBER: US 09/560,875
PRIOR APPLICATION NUMBER: US 09/560,875
PRIOR APPLICATION NUMBER: PCT/US01/04927
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
PRIOR PILING DATE: 2000-02-03
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PRIOR PILING DATE: 2000-02-03
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Publication No. US20030224379A1
GENERAL INFORMATION:
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SOFTWARE DL FL_Genes Version 5.0
SEQ ID NO 540
LENGTH: 146
TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Length 146;

DB 12;

22.0%; Score 184.5;

Query Match

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JAMERAL JUNESTITE OF INVENTION:
TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
TITLE OF INVENTION: Protein of HERV-K18 and Their Use in Obtaining
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
FILE REFERENCE: 23135-506
CURRENT APPLICATION NUMBER: US/10/236,091
PRIOR PILING DATE: 2001-09-06
PRIOR PELING DATE: 2001-09-06
PRIOR FILING DATE: 2001-09-06
NUMBER OF SEQ ID NOS: 5.
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10236091
Fublication No. US2030162263A1
Fublication No. US2030162263A1
GENERAL INFORMATION:
TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: 2AG-Inhibitory Antibodies and in Vaccination Against
FILE REFERENCE: 23135-506
CURRENT APPLICATION NUMBER: US/10/236,091
FILE REFERENCE: 2001-09-06
FRICK APPLICATION NUMBER: 60/317,703
FRICK APPLICATION NUMBER: 60/317,704
FRICK FILING DATE: 2001-09-06
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PATENTIN Ver: 2.1
SEQ ID NO 3:
LENGTH: 15
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                                                                                                                    59 LIRAMTWMDAPIBUYUNDSIWMPGSVDDRCPAQPSEBGTPFNITLGFRTLVQGVGSRASG 118
                                                                                1 MVTPVTWMDNPIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLG-RAPG 59
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Best Local Similarity 53.1%; Pred. No. 1.1e-12;
Matches 34; Conservative 11; Mismatches 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Human endogenous retrovirus
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ORGANISM: Human endogenous retrovirus
                                                                                                                                                                                                                                                                                                                                                               US-10-236-091-2
, Sequence 2, Application US/10236091
, Publication No. US20030162263A1
, GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                              60 CLMP 63
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APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Exovalic David K
APPLICANT: Should K
APPLICANT: About Should K
APPLICANT: About Should K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
LENGTH: 203
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                                                        Gaps
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Publication No. US20030236392A1
GENERAL INFORMATION:
TITLE OF INVENTION: No. US20030236392A1
FILE REFREENCE: H1-A0105
CURRENT APPLICATION NUMBER: US/10/104,047
CURRENT APPLICATION NUMBER:
PRIOR PILING DATE: 2002-03-25
RIOR FILING DATE:
SOFTWARE: PATON PATON OF: 202
SOFTWARE: PATON OF: 202
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                                                     Indels
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9.2%; Score 77; DB 12; Length 203
Best Local Similarity 23.8%; Pred. No. 2.7;
Matches 30; Conservative 13; Mismatches 39; Indels
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US-10-424-599-154998
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                        Pred. No. 0.03;
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LOCATION: (1)..(203)
OTHER INFORMATION: unsure at all Xaa locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
9.6%; Score 81, DB 15
Best Local Similarity 52.0%; Pred. No. 0.73;
Matches 13; Conservative 5; Mismatches
                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             129 VLVWEECVANSVVILQNNEFGTIID 153
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VLVWEDCIAEQAEVLHNDSYGVIID 27
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Publication No. US20040031072A1
GENERAL INFORMATION:
  100.08; Pr
                                                                                           116 CPKEIPKGSKNTEVL 130
                                                                                                                                           1 CPKEIPKGSKNTEVL 15
                  Best Local Similarity 100.
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Homo sapiens
US-10-104-047-2900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Glycine max
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-424-599-154998
                                                                                                                                                                                                                 RESULT 13
US-10-104-047-2900
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                                                                                                                                                                                                                    Sequence 1897, Application US/10276774
| Publication No. US20040053245A1
| Publication No. US20040053245A1
| GENERAL INFORMATION:
| APPLICANT: Hyseq, Inc.
| APPLICANT: Tang, Y, Tom et al
| TITLE OF INVENTION: No. US20040053245A1e1 Nucleic Acids and Polypeptides
| TITLE OF INVENTION: No. US20040053245A1e1 Nucleic Acids and Polypeptides
| FILE REFERENCE: 21272-030
| CURRENT APPLICATION NUMBER: US/10/276,774
| CURRENT APPLICATION NUMBER: 09/560,875
| PRIOR FILING DATE: 2000-04-27
| PRIOR FILING DATE: 2000-04-27
| PRIOR FILING DATE: 2000-02-03
| NUMBER OF SEQ ID NOS: 2700
| SOFFWARE: CUSTOM NOS: 2700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 VTPVTWMDNP-----IEVYVNDSVWVPGPTDDRCPAKPEEEGWMINISIG--YH 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Dupuis, Marc
TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
TITLE OF INVENTION: Peptides Derived from the Superantigen (SAG) ENV
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
TITLE OF INVENTION: SAG-Inhibitory Antibodies and in Vaccination Against
FILE REPRESENCE: 23135-506
CURRENT APPLICATION NUMBER: 05/10/236,091
PRICA PAPLICATION NUMBER: 60/317,703
PRICA PAPLICATION NUMBER: 60/317,703
PRICA PAPLICATION NUMBER: 60/317,704
PRICA PAPLICATION NUMBER: 60/317,704
PRICA PAPLICATION NUMBER: 60/317,704
PRICA PAPLICATION NUMBER: 60/317,704
          Gaps
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             Indels
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             ;
0
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; LCCATION: (1)...(1008)
CTHER INFORMATION: Xaa = any amino acid or nothing
US-10-276-774-1897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 9.9%; Score 83.5; DB 12; Best Local Similarity 29.3%; Pred. No. 4.2; Matches 27; Conservative 13; Mismatches 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         219 TAPHCL---PSVLSPAIQQPL--LPTASTSSR 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49 YPPICLGRAPGCLMPAVQNWLVEVPTVSPNSR 80
        Mismatches
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; ORGANISM: Human endogenous retrovirus
US-10-236-091-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/10236091
Publication No. US20030162263A1
GENERAL INFORMATION:
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                                                   113 GKTCPKEIPKGSKNT 127
                                                                                                1 GKTCPKEIPKGSKNT 15
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15; Conservative
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                 -10-276-774-1897
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LENGTH: 1008
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Matches
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Sequence 271886, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: La Rosa Thomas J
APPLICANT: Exovalic David K
APPLICANT: Exovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
CURRENT APPLICANTON VUMBER: US/10/424,599
CURRENT APPLICANTON NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
LENGTH: 475
        -----LCPTKFASGSDDCSVKLWNINEKNS 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               88 GMSLRPRVN-----YL----YL----YL-----QDFSYQRSLKFRPKGKTCPK 118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   43 ISI-------GYHYPPICLGRAPGCLMPAVQNWLVEVPTVSPNSRFTYHMVS 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

8.9%; Score 75; DB 12; Length 475;
Best Local Similarity 17.9%; Pred. No. 14;
Matches 35; Conservative 28; Mismatches 51; Indels 82; Gaps
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US-10-424-599-271886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          233 DDİEVSPYYYLWIKYALMAYHYDP------
Search completed: May 5, 2004, 16:06:42 Job time : 33.0233 secs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Glycine max
FEATURE:
                                                       140 WILQN 145
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102 LATIRN 107
                                                                                                                                                           RESULT 15
US-10-424-599-271886
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May 5, 2004, 15:48:56; Search time 12.75 Seconds (without alignments) 619.512 Million cell updates/sec
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1 MVTPVTWMDNPIEVXVNDSV......ECVANSVVILQNNEFGTIID 153
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/egn2_6/ptodata/2/iaa/BCTUS_COMB.pep:*
/egn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                389414 seqs, 51625971 residues
                                                                              OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                             BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                                                                                                       US-09-490-700-36
                                                                                                                                                                                                                    Title:
Perfect score:
                                                                                                                                                                                                                                                                                                               Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                Searched:
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Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 17508, A Sequence 17508, A Sequence 150, App 564, App 45, Appl 45, Appl 99, Appl 7, Appli 7, Appli 15, Appl 15, Appl 15, Appl 25, Appl 32, Appl Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. Description Sequence Sequence Sequence 7 Sequence Sequence Sequence Sequence Sequence 3 Sequence 3 Sequence 2 Sequence US-09-668-113A-8
US-09-252-991A-17508
US-09-690-44-150
US-09-149-476-38
US-09-168-113A-8
US-09-673-395A-564
US-09-198-1196-476-39
US-09-252-991A-30350
US-09-531-657A-7
US-09-531-657A-7
US-08-413-118-15
US-09-252-991A-26119
US-09-252-991A-30458
US-09-252-991A-30458
US-09-252-991A-30458
US-08-252-991A-30458
US-08-252-991A-30458
US-08-313-2888-10 Query Match Length DB

Score

Result

71.5 71.5 71.5 71.5 70.5

Sequence 10, Appl Sequence 5, Appli Sequence 10, Appl Patent No. 5180808

PCT-US93-03164-10 5180808-2

Sequence

 $\begin{matrix} v_1 & v_2 & v_3 & v_4 & v_4 & v_4 \\ v_2 & v_3 & v_4 & v_4 & v_4 \\ v_3 & v_4 & v_4 & v_4 & v_4 \\ v_4 & v_4 & v_4 & v_4 \\ v_5 & v_6 & v_6 & v_6 \\ v_6 & v_6 & v_6 & v_6 \\ v_6 & v_6 & v_6 & v_6 \\ v_6 & v_6 & v_$

Sequence Seguence

Seguence 6501, Ap	Sequence 451, App	Sequence 14175. A		Sequence 2, Appli	203	11164	,	2,	Sequence 12, Appl	7	Н	40	6047	787	14.	Sequence 14, Appl	14,	
US-09-543-681A-6501	US-09-258-754-451	US-09-489-039A-14175	US-08-218-686-2	US-08-460-242-2	US-09-252-991A-20356	US-09-489-039A-11164	US-09-630-983A-7	US-10-162-012-27	US-07-862-021B-12	US-08-313-288B-12	PCT-US93-03164-12	US-08-688-988-40	US-09-107-532A-6047	US-09-489-039A-7874	US-08-540-804-14	US-08-218-265-14	US-08-521-872-14	
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7.9	7.8	7.7	7:7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.6	7.6	7.6	7.6	7.6	7.6	
99	65.5	65	65	65	65	65	65	65	64.5	64.5	64.5	64	64	64	64	64	64	
28	53	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	

ALIGNMENTS

```
Sequence 6, Application US/07991867B
Patent No. 5476781
GENERAL INFORMATION:
APPLICANT: Moyer, Richard W.
APPLICANT: Hall, Richard L.
APPLICANT: Gruidl, Michael E.
TITLE OF INVENTION: No. 5476781el Entomopoxvirus Expression System NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSE:
ADDRESSE:
ParkESSE:
STREET:
STREET:
STREET:
STAIN W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: USA
ZIP: 32606
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: EACH COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
GOTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/991,867B
FILING DATE: 12-DEC-1992
CLASSIFICATION NUMBER: US 07/827,685
FILING DATE: 12-FEB-1992
PRIOR APPLICATION NUMBER: US 07/657,584
FILING DATE: 13-FEB-1991
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US 114.C3
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 31.794
REFERENCE/COCKET NUMBER: 31.794
REFERENCE/COCKET NUMBER: 31.794
REFERENCE/COCKET NUMBER: 31.794
REFERENCE/COCKET NUMBER: 31.794
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REFERENCE/COCKET NUMBER: 31.
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TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-991-8678-6
US-07-991-867B-6
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60 CLMPAVQ-----NWLVEVPTVSPNSRFTYHMVSG---MSLRPRVNYLQDFSYQRSLKFR 110
                                        US-08-544-332-6

Sequence 6, Application US/08544332

Sequence 6, Application US/08544332

Patent No. 5935777

PAPLICANT: Moyer, Richard W.

APPLICANT: Hall, Richard L.

APPLICANT: Gruidl, Michael E.

TITLE OF INVENTION: No. 5935777el Entomopoxvirus Expression System

NUMBER OF SEQUENCES: 77

CORRESPONDENCE ADDRESS:

ADDRESSEE: Gerard H. Bencen

ADDRESSEE: Gerard H. Bencen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29;
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8.5%; Score 71.5; DB 2; Length 1003;
Best Local Similarity 25.0%; Pred. No. 20;
Matches 26; Conservative 12; Mismatches 37; Indels 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 32606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/544,332
                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Gerard H. Bencen
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILLING DATE:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/991,867
FILLING DATE: 07-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/107,755
FILLING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: W0 92/14818
FILLING DATE: 12-FEB-1992
PRIOR APPLICATION NUMBER: US 07/827,685
FILLING DATE: 30-JAN-1992
PRIOR APPLICATION NUMBER: US 07/657,584
FILLING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bencen, Gerard H.
REGISTATION NUMBER: 35,746
REGISTATION NUMBER: 35,746
REGISTATION NUMBER: 35,746
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; MOLECULE TYPE: protein US-08-544-332-6
                                                                                                                                                                                                                                                                                                                                                                                                    Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-370-861A-6
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                                                                                                               60 CLMPAVQ-----NWLVEVPTVSPNSRFTYHMVSG---MSLRPRVNYLQDFSYQRSLKFR 110
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                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 5721352
GENERAL INFORMATION:
APPLICANT: Moyer, Richard W.
APPLICANT: Hall, Richard L.
APPLICANT: Graid, Michael E.
TITLE OF INVENTION: No. 5721352el Entomopoxvirus Expression System CORRESPONDENCE ADDRESS:
                                                                          29;
                                                                                                                                                          8.5%; Score 71.5; DB 1; Length 1003;
25.0%; Pred. No. 20;
.ive 12; Mismatches 37; Indels 29
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8.5%; Score 71.5; DB 1; Length 1003;
Best Local Similarity 25.0%; Pred. No. 20;
Matches 26; Conservative 12; Mismatches 37; Indels 29
                                                                                                                                                                                                                              111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILONNEFGTIID 153
                                                                                                                                                                                                                                                                         : | | : | : | : | : | 483 -RNDICLKQAIKQHYTNVIILEYANTYPNCTISLGNNRFNNVFD 525
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/107,755A
FILING DATE: 19-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: Florida
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/827,658
FILING DATE: 30.7AN-1992
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 07/657,584
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REGISTRATION NUMBER: 31,794
REPERRNCE/DOCKET NUMBER: UF114.C2
TELECOMUNICATION INFORMATION:
TELEPHONE: (904) 375-8100
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTER.ESTICS:
LENGTH: 1003 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/08107755A
Patent No. 5721352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acids
TOPOLOGY: 1:0
Query Match
Best Local Similarity 25.03
Matches 26; Conservative
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US-08-107-755A-6
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60 CLMPAVQ-----NWLVEVPTVSPNSRFTYHMVSG---MSLRPRVNYLQDFSYQRSLKFR 110
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         GENERAL INFOGRATION:
GENERAL INFOGRATION:
GENERAL INFOGRATION:
APPLICANT: Hall, Richard L.
APPLICANT: Graidl, Michael E.
ITILE OF INVENTION: No. 6410221el Entomopoxvirus Expression System
FILE REFERENCE: UF14. C4. D1
CURRENT APPLICATION NUMBER: US/09/370,861A
CURRENT APPLICATION NUMBER: US 07/991,867
PRIOR FILING DATE: 1992-12-07
PRIOR FILING DATE: 1992-12-07
PRIOR FILING DATE: 1993-08-19
PRIOR PELING DATE: 1992-01-30
PRIOR PELING DATE: 1992-01-30
PRIOR APPLICATION NUMBER: WO 92/14818
PRIOR PILING DATE: 1992-01-30
PRIOR PRIUNG DATE: 1992-01-30
PRIOR PELING DATE: 1991-02-19
PRIOR PELING DATE: 1991-02-19
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         41; Indels 40; Gaps
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Patent No. 6410703
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Identification of A Vaccine Candidate from an TITLE OF INVENTION: Extraintestinal Strain of E. coli
FILE REPERENCE: 11520.0214
CURRENT APPLICATION NUMBER: US/09/668,113A
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 8
LENGTH: 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 8.5%; Score 71.5; DB 4; Length 1003; Best Local Similarity 25.0%; Pred. No. 20; Matches 26; Conservative 12; Mismatches 37; Indels 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              883 -RNDICLKQAIKQHYTNVIILEYANTYPNCTLSLGNNRFNNVFD 525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       111 PKGKTCPKE-IPKGSKNTEVLVWEECVANSVVILQNNEFGTIID 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Amsacta moorei entomopoxvirus
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ORGANISM: Escherichia coli
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GENERAL INFORMATION:
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR APPLICATION NUMBER: US 60/074,190
PRIOR PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 17508
LENGTH: 1064
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   57 APGCLMPAVQNWLVEVPTVSPNSRFTYHM-VSGMSLRPRVNYLQDFSYQRSLKFRPKGKT 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   915 RCSAAAGWRADGRVVEAKQPPGFRYNSDCRGRGAFRPRLADGSPGIPQVPVNLPTFDEVV 974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
8.4%; Score 70.5; DB 4; Length 1064;
Best Local Similarity 21.0%; Pred. No. 29;
Matches 26; Conservative 18; Mismatches 47; Indels 33; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Steven M. Ruben, et al.
TITLE OF INVENTION: 32 Human Secreted Proteins
FILE REFERENCE: PZ006P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: US/09/690,454
PRIOR APPLICATION NUMBER: 09/189,144
PRIOR APPLICATION NUMBER: 09/189,144
PRIOR PLING DATE: 1998-11-10
PRIOR PELING DATE: MAY 30, 1997
PRIOR PELING DATE: MAY 30, 1997
PRIOR APPLICATION NUMBER: 60/048,190
PRIOR APPLICATION NUMBER: 60/048,190
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAY 30, 1997
PRIOR PLING DATE: MAUSE: 60/056,256
PRIOR FILING DATE: MAUSE: 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
PRIOR PLING DATE: AUGUST 29, 1997
                                                     Sequence 17508, Application US/09252991A Patent No. 6551795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 150, Application US/09690454 Patent No. 6531447
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 229
SOFTWARE: Patentin Ver. 2.0
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RESULT 6
JS-09-252-991A-17508
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
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                                                                                                                                                 ; LOCATION: (123)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-690-454-150
                                                                                                                                                                                                                                                                                                                                                                                                                                  73 PTVSPNSRFTYHMVSGMSLRPRVNYLQDFSYQRSLKFRP--KGKTCPK-----BIPKGSK 125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ---IRPAFKIKVCSKLTVWCSLPSPSR 104
                                                                                                                                                                                                                                                                                                                                                                          23 PGPTDDRCPAKPEEEGMMIN----ISIGYH----YPPICLGRAPGCLMPAVQNWLVEV
                                                                                                                                                                                                                                                                                                     44; Gaps
                                                                                                                                                                                                                                                  DB 4; Length 151;
                                                                                                                                                                                                                                                                                                  45; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTATION:

TITLE OF INVENTION: 186 Human Secreted proteins
FILE REPERENCE: EQOOZPI
CURRENT APPLICATION NUMBER: US/09/149,476

CURRENT PILING DATE: 1998-09-08

EARLIER APPLICATION NUMBER: PCT/US98/04493

EARLIER FILING DATE: 1998-03-07

EARLIER FILING DATE: 1997-03-07

EARLIER FILING DATE: 1997-03-07

EARLIER FILING DATE: 1997-03-07

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EARLIER FILING DATE: 1997-03-07
                                                                                                                                                                                                                                                                                             13; Mismatches
                                                                                                                                                                                                                                             8.3%; Score 70; 25.5%; Pred. No.
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ERILING DATE: 1997-03-07
ER PELLING DATE: 1997-03-07
ER PELLING DATE: 1997-03-07
ER APPLICATION NUMBER: 60/047, 600
ER APPLICATION NUMBER: 60/047, 615
ER FILING DATE: 1997-05-23
ER FILING DATE: 1997-05-23
ER PELLING DATE: 1997-05-23
ER APPLICATION NUMBER: 60/047, 597
ER FILING DATE: 1997-05-23
ER APPLICATION NUMBER: 60/047, 633
ER FILING DATE: 1997-05-23
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Patent No. 6420526
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                                                                                                                                                                                                                                                                                             Conservative
                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 35; Conserv
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NAME/KEY: SITE
LOCATION: (123)
SEQ ID NO 150
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EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,312
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R APPLICATION NUMBER: 60/043,580
R FILING DATE: 1997-04-11
R APPLICATION NUMBER: 60/043,568
R FILING DATE: 1997-04-11
R APPLICATION NUMBER: 60/043,314
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ER APPLICATION NUMBER: 60/048,974

ER APPLICATION NUMBER: 60/056,886

ER FILING DATE: 1997-06-06

ER FILING DATE: 1997-08-22

ER FILING DATE: 1997-08-22

ER FILING DATE: 1997-08-22

ER APPLICATION NUMBER: 60/056,899

ER APPLICATION NUMBER: 60/056,899

ER APPLICATION NUMBER: 60/056,893

ER APPLICATION NUMBER: 60/056,893

ER FILING DATE: 1997-08-22

ER APPLICATION NUMBER: 60/056,630

ER FILING DATE: 1997-08-22

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ER APPLICATION NUMBER: 60/056,630

ER APPLICATION NUMBER: 60/056,878

ER APPLICATION NUMBER: 60/056,652

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ER APPLICATION NUMBER: 60/056,652
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PILING DATE: 1997-05-23
PLICATION NUMBER: 60/047,584
LING DATE: 1997-05-23
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FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,596
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FILING DATE: 1997-05-23
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BARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,761
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-08-20
EARLIER FILING DATE: 1997-08-22
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EARLIER APPLICATION NUMBER: 60/056,910
EARLIER PILING DATE: 1997-08-22
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FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/048,964
FILING DATE: 1997-06-06
FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,879
FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/056,845
FILING DATE: 1997-08-22
APPLICATION NUMBER: 60/056,892
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,588
FILING DATE: 1997-05-23
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APPLICATION NUMBER: 60/047,586
FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,590
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APPLICATION NUMBER: 60/047,614
FILING DATE: 1997-05-23
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APPLICATION NUMBER: 60/047,501
APPLICATION UNMBER: 60/047,501
APPLICATION NUMBER: 60/043,670
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APPLICATION NUMBER: 60/056,664
FILING DATE: 1997-08-22
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APPLICATION NUMBER: 60/056,909
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APPLICATION NUMBER: 60/056,875
FILING DATE: 1997-08-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SARLIER FILING DATE: 1997-05-23
SARLIER APPLICATION NUMBER: 60/047,585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1997-05-23
APPLICATION NUMBER: 60/047,593
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APPLICATION NUMBER: 60/056,632
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APPLICATION NUMBER: 60/056,862
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APPLICATION NUMBER: 60/056,887
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APPLICATION NUMBER: 60/043,576
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APPLICATION NUMBER: 60/056,881
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Sequence 2009, Application US/09673395A

Patent No. 6620923

GENERAL INFORMATION:
PAPLICANT: SPECHT, THOMAS

APPLICANT: STECHT, THOMAS

APPLICANT: SCHAITT, ARMIN

APPLICANT: PILARSKY, CHRISTIAN

APPLICANT: PILARSKY, CHRISTIAN

APPLICANT: DAHL, BDGAR

APPLICANT: DAHL, ANDRE

TILE REFERENCE: ALBRE-12

CURRENT APPLICATION UNDERR: US/09/673,395A

CURRENT APPLICATION UNDERR: US/09/673,395A

CURRENT FILING DATE: 2000-10-17

NUMBER OF SEQ ID NOS: 637

SOFTWARE: PATENTING DATE: 2.1

SEQ ID NO 208

LENGTH: 549
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20.1%; Pred. No. 17;
tive 25; Mismatches 70; Indels
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              EARLIER FILING DATE: 1997-09-05
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EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669
EARLIER FILING DATE: 1997-09-05
EARLIER FILING DATE: 1997-06-13
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EARLIER APPLICATION NUMBER: 60/057,650
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
CRGANISM: Homo sapiens
US-09-673-395A-208
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nes 33; Conserv
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US-08-857-076-99
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Stockinger, Eric
APPLICANT: Stockinger, Eric
APPLICANT: Galcour, Kirsten
APPLICANT: Galcour, Garah
APPLICANT: Galcour, Garah
APPLICANT: Galcour, Galcanon
APPLICANT: Galcanon
APPLICANT: Galcanon
APPLICANT: Galcanon
APPLICANT: Galcanon
APPLICANT: Banch Having Altered Environmental Stress Tolerance
FILE REFERENCE: 1917.713 Seq List
CURRENT APPLICATION NUMBER: US 09/108,233
FRIOR APPLICATION NUMBER: US 09/018,233
FRIOR APPLICATION NUMBER: US 09/017,816
FRIOR APPLICATION NUMBER: US 09/017,816
FRIOR APPLICATION NUMBER: US 09/017,575
FRIOR APPLICATION NUMBER: US 09/018,235
FRIOR FILING DATE: 1998-02-03
FRIOR FILING DATE: 1998-02-03
FRIOR APPLICATION NUMBER: US 09/018,237
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FRIOR FILING DATE: 1998-02-03
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FRIOR FILING DATE: 1998-02-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      223 VRPLATLSYASDLYNGSSIVSSIBFDRDCDYFAIAGVTKKIKVYBYDTVIQDAVDIHYP- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        282 ------ENEMTCNSKISCISWSSYHKNLLASSDYEGTVILMDGFTGGRSKVY 327
APPLICANT: SPECHT, THOMAS
APPLICANT: HINZMAN, BEND
APPLICANT: HINZMAN, BEND
APPLICANT: SCHMITT, ARMIN
APPLICANT: PILARSKY, CHRISTIAN
APPLICANT: DAHL, EDGAR
APPLICANT: ROSENTHAL, ANDRE
TITLE OF INVENTION: HUMAN NUCLBIC ACID SEQUENCES FROM UTERUS TUMOR TISSUB
FILE REFERENCE: ALBRE-12
CURRENT APPLICATION NUMBER: US/09/673,395A
NUMBER OF SEQ ID NOS: 637
SOFTWARE: PATENTIN VOY: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 VTPVTWMDNPIEVYVNDSVWVPGPTDDRC-----PAKPEEEGMMINISIGYHYPP 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 8.2%; Score 69; DB 4; Length 549; Best Local Similarity 20.1%; Pred. No. 17; Matches 33; Conservative 25; Mismatches 70; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            110 RPKGKTC-----PKEIPKGSKNTEVLVWEECVANSVVILQ 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           328 QEHEKRCWSVDFNLMDPKLLASGSDDAKVKLWSTNLDNSVASIE 371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 45, Application US/09198119C
Patent No. 6417428
GENERAL INFORMATION:
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US-09-198-119C-45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Brassica juncea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT; ORGANISM: Homo sapiens
US-09-673-395A-564
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SEQ ID NO 45
LENGTH: 142
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RESULT 12
US-09-252-991A-30350
Sequence 30350, Application US/09252991A
Sequence 30350, Application US/09252991A
Sequence 30350, Application US/09252991A
Sequence 30350, Application US/09252991A
Sequence 30350, Application US/09252991A
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: UNCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: UNCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION UNDER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR PILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NOS: 33142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     112 -----PGSRFTYALGTLALWSPKAGYVDAKGEVLKSGSFRHLSIANFKTAPYGLAATQA 165
                                                                                                                                                                                       29 WLGTFFTVEMAAR--AHDVAALALRGRSACLNFADS-----AWCLRIPESTCPKEIQKAA 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11 PIEVYVNDSVWVPGPTDDRCPAKPEEEGMMINISIGYHYPPICLGRAPGCLMPAVQNWLV 70
                                                                                                                                      68 WLVEVPTVSPNSRFTYHMVSGMSLRPR---VNYLQDFSYQRSLKFRPKGKTCPKEIPKGS
                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  44; Gaps
                                                                                  22;
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89 PFQVFLS------ADDSTPAKLEQEGEIV--------
Query Match
8.1%; Score 68; DB 4; Length 142;
Best Local Similarity 29.1%; Pred. No. 3.3;
Matches 25; Conservative 10; Mismatches 29; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ouery Match
8.1%; Score 68; DB 4; Length 268;
Best Local Similarity 21.5%; Pred. No. 8.2;
Matches 26; Conservative 14; Mismatches 37; Indels
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APPLICANT: Ruvkur, Gary
APPLICANT: Ruvkur, Garth
APPLICANT: Patterson, Garth
APPLICANT: Patterson, Garth
APPLICANT: Paradis, Sucanne
APPLICANT: Tissenbaum, Heidi
APPLICANT: Tissenbaum, Heidi
APPLICANT: Tissenbaum, Heidi
APPLICANT: Tissenbaum, Heidi
APPLICANT: Koweek, Allison
APPLICANT: Noris, Jason
APPLICANT: Noris, Jason
APPLICANT: Noris, Jason
APPLICANT: Noris, Jason
APPLICANT: Noris, Jason
APPLICANT: Noris, Jason
APPLICANT: 1000: 1114
CURRENT PILING DATE: 1997-05-15
NUMBER OF SEQ ID NOS: 114
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SOFTWARE: FastSEQ for Windows Version 4.0
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Search completed: May
Job time : 13.75 secs
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Fatent No. 6074649

GREAL INFORMATION:
APPLICANT: BAUDU, Philippe G.
APPLICANT: BAUDU, Philippe G.
APPLICANT: BAUDU, Philippe G.
APPLICANT: RIVERE, Michel A.
TITLE OF INVENTION: PARTICULARLY FOR TREATING FELINE HERPES VIRUS TYPE
TITLE OF INVENTION: L. PARTICULARLY FOR TREATING FELINE INFECTIOUS
TITLE OF INVENTION: L. PARTICULARLY FOR TREATING FELINE INFECTIOUS
TITLE OF INVENTION: L. PARTICULARLY FOR TREATING FELINE INFECTIOUS
TITLE OF INVENTION: 1. PARTICULARLY FOR TREATING FELINE INFECTIOUS
TITLE OF TOWNER: US/09/080,044
CURRENT APPLICATION NUMBER: US/09/080,044
CURRENT RELING DATE: 1998-05-15
ERRLIER FILING DATE: 1998-11-19
EARLIER FILING DATE: 1998-11-19
SARLIER PELING DATE: 1998-11-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PATEUTIN Ver. 2.0
                                                                                                                                                                             4,
                                                                                                                                                                                                                                       359 PPISSG--PGALASVPASHPAHGLAPHESQLHLKGDPHYSFNHPFSINNL--MSSSEQQH 414
                                                                                                                                                                                                        50 PPICLGRAPGCL--MPA------VQNWLVEVPTVSPNSRFTYHMVSGMSLRPRVN 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      83 --YHMVSGMSL-----PRANNYLQ---DFSYQRSLKFRPKGKTC----PKEIPK 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     327 HESPVSYKRFTKSVAPDVXYP------PTVSVTFADTRAICDVKCVPRDGISLMWKI 377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 TPVTWM--DNPIE-VYVND--SVWVPG------PTDDRCPAKPEEEGMMINISIGY
                                                                                                                                    Length 473;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
8.0%; Score 67.5; DB 3; Length 484;
Best Local Similarity 23.2%; Pred. No. 22;
Matches 48; Conservative 20; Mismatches 54; Indels 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPPICLGR-----APGCLMPAVQNWLVEVPTVSPNSRFT-------
                                                                                                                                                                       Indels
                                                                                                                               DB 3;
                                                                                                                      Query Match
8.0%; Score 67.5; DB
Best Local Similarity 30.7%; Pred. No. 21;
Matches 27; Conservative 13; Mismatches
                                                                                                                                                                                                                                                                                                                    97 YLQDFSYQRSLKFRPKGKTCPKEIPKGS 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              123 GSKNTEV-----LVWEECVANSVVIL 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      433 GFYDTQVYDASPEIVSESMLVSVVAVI 459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/09531857A
Patent No. 6387376
GENERAL INFORMATION:
APPLICANT: AUDONNET, Jean-Christophe F.
APPLICANT: BAUDO, Philippe G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 484
TYPE: PRT
ORGANISM: Feline herpesvirus 1
                                     TYPE: PRT
CORGANISM: Homo sapiens
US-08-857-076-99
SEQ ID NO 99
LENGTH: 473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-531-857A-7
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## APPLICANT; RIVIERE, Michel A.

TITLE OF INVENTION: I. PRAILICALINE FOR TREATING FELINE HERPES VIRUS TYPE

TITLE OF INVENTION: I. PRAILICALINE

FILLS OF INVENTION: I. PRAILICALINE

FILLS OF INVENTION: I. PRAILICALINE

FILLS OF INVENTION: I. PRAILICALINE

FOR PRICE PROPERTY: 2000-03-21

FRICK PELICATION NUMBER: 095-01830

FRICK FILLS DATE: 1986-01830

FRICK FILLS DATE: 1986-01830

FRICK FILLS DATE: 1986-11-13

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